



REPORT

ON THE

Health of the County Borough of Belfast FOR THE YEAR 1924

By

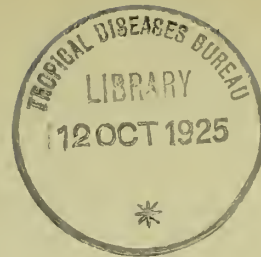
H. W. BAILIE,

Medical Superintendent Officer of Health for the City

BELFAST:

PRINTED BY THE BELL & BELL, LTD., 10, QUEEN'S STREET, BELFAST.





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FOR THE YEAR 1924

(53 WEEKS).

BY

H. W. BAILIE,

Medical Superintendent Officer of Health for the City.

Belfast:

PRINTED BY THOS. BROUGH & COX, 96-100 DONEGALL STREET.

County Borough of Belfast.

PUBLIC HEALTH COMMITTEE, 1924.

Chairman:

COUNCILLOR T. ENGLISH.

Vice-Chairman:

COUNCILLOR W. C. BICKERSTAFF.

Aldermen:

GRAHAM.
LORD LONDONDERRY.
M'MORDIE.
DR. WILLIAMSON.

Councillors:

BICKERSTAFF.
BROWN.
ENGLISH.
HENDERSON.
KELLY.
KENNEDY.

M'COMB.
M'DONALD.
M'KEOWN.
SMYLIE.
THOMPSON.

STAFF

(1st January)

Executive Sanitary Officer:

G E O R G E W A R D , M.R.S.I.

- 1 Chief Clerk
- 1 Clerk, Notification of Deaths, etc.
- 2 Clerks, Infectious Disease.
- 6 Clerks of Divisions
- 2 Clerks under Maternity and Child Welfare Scheme.
- 2 Shorthand Writers and Typists
- 4 Divisional Inspectors
- 2 Inspectors under the Sale of Food and Drugs Acts
- 3 Inspectors under the Factory and Workshop Act (1 male and 2 females)
- 1 Inspector of Dairies and Cowsheds
- 1 Inspector of Milkshops
- 1 Inspector of Lodging Houses
- 1 Port Sanitary Inspector
- 1 Inspector in Charge of Infectious Disease Staff
- 5 Assistant Disinfectors (including one qualified Inspector)
- 16 District Inspectors
- 3 Drain Testers
- 4 Drain Testers' Assistants
- 7 Female Inspectors engaged as Health Visitors (including two temporary Inspectors)
- 7 Do. do. under Maternity and Child Welfare Scheme
- 1 Do. do. as Superintendent of Midwives
- 2 Notice and Summons Servers
- 1 Messenger and Time Clerk
- 4 Employed at Disinfecting Station (3 males and 1 female)
- 1 Disinfectant Storeman

SUMMARY

OF

VITAL STATISTICS.

Area in Statute Acres						Land ..	14,804
(Census 1911)						Water ..	335
							<hr/> 15,139
*Population .. ..	..	..	..	..	..	434,000	
Density .. ..	..	..	..	..	..	29.3 persons to an acre.	
Births .. ..	..	..	..	..	..	10,594	
Birth Rate .. ..	..	..	..	..	..	23.9	
Deaths .. ..	..	..	..	..	..	6,329	
Death Rate .. ..	..	..	..	..	..	14.3	
Infantile Mortality .. ..	..	..	..	..	..	1,137 deaths under 1 year	
						107 per 1,000 births.	
Deaths from Zymotic Diseases .. ..	..	..	..	..	..	421	
Death Rate	do.	..	..	..	..	1.0	
Deaths from Phthisis .. ..	..	..	..	..	..	605	
Death Rate	do.	..	..	..	..	1.4	
Total deaths from Chest Affections .. ..	..	..	..	..	..	1,948	
Death Rate	do.	do.	..	..	..	4.4	

* As estimated by the Registrar-General to the middle of the year.

To the Lord Mayor and Corporation of the County Borough of Belfast.

MY LORD MAYOR, LADIES AND GENTLEMEN,

I have the honour to submit to you my nineteenth Annual Report on the health of the County Borough of Belfast and the Administration of the Public Health Department.

The report includes the 53 weeks ended 3rd January, 1925, with the exception of the portions dealing with Meat Inspection and Venereal Diseases which are for the year ended 31st March, 1925.

The population, as estimated by the Registrar-General for Northern Ireland to the middle of the year, was 434,000, an increase of 5,000 compared with the year 1923.

The birth rate for the year was 23.9, a decrease of 1.1 compared with the preceding year when the rate was 25.0.

The death rate from All Causes was 14.3 per 1,000, of the population, an increase of 0.5 compared with the year 1923, but 2.8 below the average rate for the ten preceding years.

1,948 or 30.78 per cent. of the total deaths registered were caused by Chest Affections, 605 being due to Phthisis ; 623 to Pneumonia and 720 to other diseases of the Respiratory System. Zymotic diseases accounted for 421 deaths or 6.7 per cent. of the total deaths registered, 166 of these were caused by Diarrhœa, 89 by Whooping Cough, 83 by Measles, 57 by Scarlet Fever, 23 by Diphtheria and 3 by Typhoid Fever. 424, or 6.7 per cent. of the total deaths were caused by Cancer ; 139, or 2.2 per cent. by Influenza and 127 or 2.0 per cent. by Violence.

The death rate from Phthisis was 1.4 per 1,000 of the population ; from Pneumonia 1.4 and from other diseases of the Respiratory System 1.6, showing an increase of 0.1 each in Phthisis and Pneumonia and of 0.3 in other diseases of the Respiratory System.

The death rate from Zymotic Diseases was 1.0, a decrease of 0.2 compared with the preceding year.

107 deaths of children under one year old per 1,000 births were registered during the year. This is an increase of 6 per 1,000 compared with the preceding year.

There was an increase of 943 in the total number of cases of Infectious Diseases notified during the year. The increase was due to Scarlet Fever and Encephalitis Lethargica, 1,818 cases of the former and 221 of the latter being notified compared with 984 and 20 respectively during the year 1923. The figures for all other notifiable infectious diseases show a decrease.

I have pleasure in again acknowledging the loyalty of and the efficient services rendered by every member of the staff during the year.

I am, my Lord Mayor, Ladies and Gentlemen,

Your obedient Servant,

H. W. BAILIE,

Medical Superintendent Officer of Health.

POPULATION.

The population, as estimated by the Registrar-General to the middle of the year, was 434,000, an increase of 5,000 compared with the preceding year, and upon this estimate the various rates have been calculated.

BIRTHS.

10,594 births were registered during the year, equivalent to a birth rate of 23.9 per 1,000 of the population. This is a decrease of 1.1 per 1,000, compared with the preceding year, when the number registered was 10,746 and the rate 25.0.

The average number registered annually during the ten years, 1914-1923 was 10,401, and the average annual birth rate 25.5.

The following shews the number of births, the percentage of the total number registered during the year, and the birth rate per 1,000 of the population in each of the four quarters of the year :—

		No. of Births.	Percentage of Total No.	Birth Rate.
First Quarter	.... ..	2,587	24.4	23.8
Second Quarter	.. ..	2,822	26.6	26.0
Third Quarter	.. ..	2,627	24.8	24.2
Fourth Quarter	.. ..	2,558	24.1	21.9

Table No. 4 shews the number of births in each of the several Dispensary Districts.

DEATHS.

6,329 deaths were registered from all causes during the year, equivalent to a death rate of 14.3 per 1,000 of the population, an increase of 0.5 per 1,000 compared with the preceding year, when the number registered was 5,910 and the rate 13.8.

The average number registered annually during the ten years 1913-1922 was 6,963, and the average annual death rate 17.1.

The following shews the number of deaths, the percentage of the total number registered during the year, and the death rate per 1,000 of the population in each of the four quarters of the year :—

		No. of Deaths.	Percentage of Total No.	Death Rate.
First Quarter	.. ..	2,138	33.8	19.7
Second Quarter	.. ..	1,440	22.8	13.3
Third Quarter	.. ..	1,157	18.3	10.7
Fourth Quarter	.. ..	1,594	25.2	13.6

TABLE No. 1.

Showing the number of deaths, the percentage of the total number registered, and the death rate per 1,000 of the population at various age periods, compared with the year 1923.

			1924.		1923.			
			No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population	No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population
Under 1 year	..	..	1,137	18.0	2.6	1,089	18.4	2.5
1 year and under 5 years	..		626	9.9	1.4	636	10.8	1.5
5 and under 25 years	..		550	8.7	1.2	539	9.1	1.3
25 and under 45 years	..		822	13.0	1.9	791	13.4	1.8
45 and under 65 years	..		1,584	25.0	3.6	1,394	23.6	3.3
65 years and upwards	..		1,610	25.4	3.6	1,461	24.7	3.4

TABLE No. 2.

Shewing the number of deaths from various causes, together with the death rate per 1,000 of the population, and the percentage of the total number registered.

			1924.			1923.		
Cause of Death			No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population	No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population
Typhoid Fever	..	..	3	0.05	0.007	4	0.07	0.01
Typhus Fever	..	..	—	—	—	—	—	—
Smallpox	..	..	—	—	—	—	—	—
Measles	..	..	83	1.31	0.19	126	2.13	0.29
Scarlet Fever	..	..	57	0.90	0.13	26	0.44	0.06
Whooping Cough	..	..	89	1.41	0.20	182	3.08	0.42
Diphtheria	..	..	23	0.36	0.05	24	0.41	0.06
Dysentery	..	..	—	—	—	2	0.03	0.005
Influenza	..	..	139	2.20	0.31	100	1.69	0.23
Diarrhœa—								
Under 2 years of age ..			154	2.43	0.35	130	2.20	0.3
2 years of age and upwards			12	0.19	0.03	24	0.41	0.1
Total Diarrhœa			166	2.62	0.38	154	2.61	0.4
Tuberculous Diseases—								
Phthisis			605	9.56	1.4	571	9.66	1.3
Other Forms			168	2.65	0.4	166	2.81	0.4
Total Tuberculous Diseases			773	12.21	1.8	737	12.47	1.7
Diseases of the Respiratory System—								
Pneumonia			623	9.84	1.4	564	9.54	1.3
Other			720	11.38	1.6	573	9.70	1.3
Total Dis. Resp. System			1,343	21.22	3.0	1,137	19.24	2.6
Total Chest Affections ..			1,948	30.78	4.4	1,708	28.90	4.0
Cancer	..	..	424	6.70	0.96	391	6.62	0.9
Violence	..	..	127	2.01	0.29	115	1.95	0.3

TABLE No. 3.

Shewing the annual death rate per 1,000 of the population from all causes during the twenty years 1905–1924; also the average rate for quinquennial periods.

Year.		Rate.	Year.		Rate.
1905	..	20.0	1915	..	17.9
1906	..	20.1	1916	..	16.7
1907	..	21.3	1917	..	16.7
1908	..	19.5	1918	..	22.7
1909	..	18.2	1919	..	17.9
1910	..	18.6	1920	..	17.5
1911	..	17.2	1921	..	14.4
1912	..	18.1	1922	..	14.8
1913	..	18.8	1923	..	13.8
1914	..	18.9	1924	..	14.3

TABLE No. 4.

Shewing the number of Births registered in each of the several Dispensary Districts, also the number of deaths of Infants under 1 year old.

DISTRICT.			BIRTHS				DEATHS
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Under 1 Year
No.	1	..	114	115	125	125	72
„	2	..	315	340	322	307	125
„	3	..	303	377	316	317	127
„	4	..	177	221	195	197	118
„	5	..	132	148	165	133	87
„	6	..	189	195	199	171	56
„	7	..	15	8	19	22	6
„	8	..	38	51	40	45	17
„	9	..	185	183	152	179	71
„	10	..	204	208	199	180	81
„	11	..	215	228	242	220	68
„	12	..	221	195	177	167	91
„	13	..	154	137	109	109	25
„	14	..	—	1	4	—	—
„	15	..	178	236	204	215	103
„	16	..	147	179	159	171	90
Total	..	..	2,587	2,822	2,627	2,558	1,137

TABLE No. 5.

Shewing the Population, the number of Births, the Birth Rate per 1,000, the number of Deaths, the Death Rate per 1,000, and the natural increase during the forty-four years 1881-1924.

Year.	Population	No. of Births	Birth Rate per 1,000	No. of Deaths	Death Rate per 1,000	Natural Increase
1881	207,671	6,942	33.4	4,911	23.6	2,031
1882	207,671	6,820	32.8	5,365	25.8	1,455
1883	214,022	6,694	31.3	5,600	26.2	1,094
1884	216,622	7,231	33.4	5,073	23.4	2,158
1885	219,222	7,161	32.7	6,127	27.9	1,034
1886	221,822	7,344	33.1	5,256	23.7	2,088
1887	224,422	7,502	33.5	5,807	25.9	1,695
1888	227,022	7,719	34.0	5,742	25.3	1,977
1889	229,622	7,705	33.6	5,921	25.8	1,784
1890	232,222	8,250	35.5	6,861	29.5	1,389
1891	255,922	8,650	33.8	6,537	25.5	2,113
1892	261,046	8,592	32.9	6,910	26.5	2,166
1893	275,000	9,399	34.2	6,848	24.9	2,551
1894	285,000	9,349	32.8	6,615	23.2	2,734
1895	295,000	9,772	33.1	7,168	24.3	2,604
1896	300,000	10,378	34.5	6,953	23.2	3,425
1897	310,000	10,481	33.3	7,225	23.3	3,256
1898	340,000	11,234	33.0	7,768	22.8	3,466
1899	350,000	11,437	32.7	7,933	22.7	3,504
1900	359,000	11,192	31.2	7,642	21.3	3,550
1901	350,862	10,859	30.9	7,738	22.4	3,121
1902	360,000	11,113	30.5	7,577	20.8	3,536
1903	360,000	11,488	32.0	7,169	20.0	4,319
1904	360,000	11,323	31.6	7,474	20.8	3,849
1905	360,000	11,395	31.8	7,178	20.0	4,217
1906	366,220	11,355	31.0	7,379	20.1	3,976
1907	370,163	11,233	30.3	7,870	21.3	3,353
1908	380,344	11,490	29.7	7,523	19.5	3,967
1909	386,576	10,900	28.2	7,028	18.2	3,872
1910	391,167	10,888	27.8	7,284	18.6	3,604
1911	386,449	10,984	28.4	6,645	17.2	4,339
1912	391,974	10,884	27.8	7,111	18.1	3,733
1913	396,000	10,996	27.8	7,453	18.8	3,543
1914	399,000	11,337	28.0	7,663	18.9	3,674
1915	403,000	10,196	25.3	7,220	17.9	2,976
1916	390,000	9,415	24.1	6,496	16.7	2,919
1917	393,000	8,718	22.2	6,557	16.7	2,161
1918	393,000	9,282	23.6	8,920	22.7	362
1919	401,000	10,464	25.7	7,278	17.9	3,186
1920	413,000	12,144	29.4	7,234	17.5	4,910
1921	420,000	11,043	26.3	6,045	14.4	4,998
1922	425,000	10,667	25.1	6,304	14.8	4,363
1923	429,000	10,746	25.0	5,910	13.8	4,836
1924	434,000	10,594	23.9	6,329	14.3	4,265

TABLE No. 6.

Shewing the Annual Birth and Death Rates per 1,000 of the population of the principal Urban Sanitary Districts of Ireland (per Registrar-General's Return).

Urban District.	Births.	Deaths from	
		All Causes.	Zymotic Diseases.
Belfast	23·9	14·3	1·0
Dublin (City)	27·1	16·2	1·2
Dublin Registration Area	25·5	15·8	1·0
Cork	25·5	17·8	1·4
Londonderry	25·9	16·8	2·9
Limerick	27·9	14·7	0·5
Waterford	24·3	15·0	0·8
Galway.. .. .	24·8	14·9	1·1
Dundalk	23·3	13·3	0·7
Lurgan	24·9	14·4	0·5
Drogheda	24·8	15·0	0·6
Lisburn.. .. .	23·6	14·6	1·2
Newry	26·3	15·3	0·4
Portadown	30·0	18·2	0·9
Wexford	28·4	12·9	0·5
Ballymena	22·5	16·8	0·7
Sligo	21·5	12·9	1·0
Kilkenny	21·6	22·5	0·9
Tralce	20·8	13·8	2·3
Clonmel	22·0	12·7	0·9

Deaths in Public Institutions of persons *admitted from without the City omitted.*

BRIEF.				WEEK ENDING.																																																				
				Jan. 5	Jan. 12	Jan. 19	Jan. 26	Feb. 2	Feb. 9	Feb. 16	Feb. 23	Mar. 1	Mar. 8	Mar. 15	Mar. 22	Mar. 29	Apr. 5	Apr. 12	Apr. 19	Apr. 26	May 3	May 10	May 17	May 24	May 31	June 7	June 14	June 21	June 28	July 5	July 12	July 19	July 26	Aug. 2	Aug. 9	Aug. 16	Aug. 23	Aug. 30	Sept. 6	Sept. 13	Sept. 20	Sept. 27	Oct. 4	Oct. 11	Oct. 18	Oct. 25	Nov. 1	Nov. 8	Nov. 15	Nov. 22	Nov. 29	Dec. 6	Dec. 13	Dec. 20	Dec. 27	Jan. 3
Number of Weeks in Annual Series				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
Births registered				249	165	200	198	184	199	198	212	184	175	224	200	199	198	216	205	237	252	217	221	212	190	234	207	229	204	197	203	216	191	203	203	186	223	195	216	210	187	191	202	192	218	174	165	222	165	173	173	164	199	206	114	191
Number of Deaths				145	147	150	206	213	179	178	160	159	154	166	145	136	139	156	139	126	105	103	119	84	100	85	92	91	101	93	105	106	88	70	83	96	89	80	87	50	88	82	105	105	98	88	92	102	122	123	106	112	104	157	120	150
Annual Death-rate per 1,000				17.4	17.7	18.0	24.7	25.6	21.5	21.4	19.2	19.1	18.5	19.9	17.4	16.3	16.7	18.7	16.7	15.1	12.6	12.4	14.3	10.1	12.0	10.2	11.1	10.9	12.1	11.2	12.6	12.7	10.6	8.4	10.0	11.5	10.7	9.6	10.5	10.8	10.6	9.9	12.6	12.6	11.8	10.0	11.1	12.3	15.9	14.8	12.7	13.5	12.5	18.9	14.4	18.0
Ages.	Under 1 year	34	26	32	38	42	32	32	29	27	29	17	22	23	21	27	31	24	14	14	17	10	18	17	14	13	16	18	20	15	16	7	12	21	20	16	11	13	21	15	11	19	17	13	11	20	19	20	23	22	30	31	32	45		
	1—5 years	10	12	14	33	41	31	24	17	14	12	21	17	11	11	12	15	11	10	4	13	5	6	4	11	4	9	7	10	11	6	11	6	3	7	8	8	5	8	9	13	7	5	4	8	6	14	13	12	16	9	21	12	15		
	5—25	7	13	12	8	12	11	10	13	13	16	15	13	9	10	19	14	12	9	13	13	12	10	9	7	13	11	7	10	16	9	9	9	14	10	8	10	13	9	11	6	6	11	5	7	10	12	7	6	10	3	9	8	11		
	25—45	15	16	14	21	17	17	24	21	19	28	17	14	19	24	25	14	20	16	18	21	10	14	11	15	15	15	19	19	12	9	11	14	13	10	8	12	10	14	7	9	17	14	9	12	11	25	16	17	14	13	25	9	13		
	45—65	32	37	28	50	54	42	43	38	47	37	53	45	34	38	36	25	32	25	22	25	24	32	23	19	27	23	20	15	33	24	15	28	28	22	23	21	22	22	22	36	29	26	15	27	26</										

TABLE No. 8.

Analysis of Deaths Registered as having occurred during the year ended Saturday, the 3rd day of January, 1925.

CAUSES OF DEATH.	AGE.																	SEX.		TOTAL.						
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.		75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.	Females.
Common Infectious Diseases.	1. Typhus Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Typhoid Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	3. Pyrexia (origin uncertain)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	4. Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Smallpox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Diphtheria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	7. Croup	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Whooping Cough	45	33	5	8	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Measles	31	30	17	2	1	..	..	..	..	..	92	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Influenza	14	9	3	2	1	..	..	..	..	..	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	91	77	28	14	4	214	1	5	3	3	6	5	3	4	10	13	21	9	11	11	9	5	..	157	177	334
Other epidemic diseases	12. Other epidemic diseases	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	13. Purulent infection and septicaemia	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	14. Tuberculosis of the lung	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	15. Acute miliary tuberculosis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	16. Tuberculous meningitis	3	7	5	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	17. Abdominal tuberculosis	2	3	3	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	18. Other forms of tuberculosis	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	19. Rickets	3	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	20. Syphilis	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	21. Cancer and other malignant tumors	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	22. Other tumors	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	23. Acute articular rheumatism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	24. Chronic rheumatism and gout	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	25. Diabetes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	26. Exophthalmic goitre	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	27. Debility	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	28. Leuchæmia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	29. Anæmia, chlorosis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	30. Other general diseases	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
31. Alcoholism (acute or chronic)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32. Chronic lead poisoning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals of general diseases	25	25	17	11	10	88	33	37	113	100	88	92	94	120	131	120	83	88	54	36	21	5	..	622	793	1415

TABLE No. 8 (continued).

CAUSES OF DEATH.		AGE.																	SEX		TOTAL.									
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.		70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.	Females.		
II. Diseases of the Nervous System and of the Organs of Sense. 32a. Hydrocephalus 33. Encephalitis 34. Meningitis 1. Simple meningitis 2. Cerebro-spinal meningitis (undefined) 3. Cerebro-spinal fever 35. Locomotor ataxia 36. Other diseases of the spinal cord 37. Cerebral hemorrhage, apoplexy 38. Softening of the brain 39. Paralysis without specified cause 40. General paralysis of the insane 41. Epilepsy 42. Convulsions (non-puerperal) 43. Convulsions of infants 44. Chorea 45. Neuralgia and Neuritis 46. Other diseases of the nervous system 47. Diseases of the eyes 48. Diseases of the ears Totals of nervous system, etc. III. Diseases of the Circulatory System. 49. Pericarditis 50. Acute endocarditis 51. Organic diseases of the heart 52. Angina pectoris 53. Diseases of the arteries, atheroma, aneurism, etc. 54. Embolism and thrombosis 55. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) 56. Diseases of the lymphatic system (lymphangitis, etc) 57. Hemorrhage; other diseases of the circulatory system Totals of circulatory system		2	1	1	4	1	4	1	5		
		19	8	4	4	1	36	3	2	..	3	..	1	20	11	31	
		1	1	..	1	
		
		
		
		
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
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TABLE No. 8 (continued).

CAUSES OF DEATH.	AGE.																SEX.		TOTAL.											
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.		70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.	Females.				
IV. Diseases of the Respiratory System.																														
57a. Asphyxia ..	8	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	176	257	3		
58. Acute bronchitis ..	99	19	..	..	..	124	..	2	2	3	3	2	9	5	29	30	44	45	59	41	17	12	..	..	..	433	91	183	
59. Chronic bronchitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	20	36	26	35	24	13	7	..	..	..	199	92	185	
60. Broncho-pneumonia ..	124	111	34	15	2	286	..	2	2	1	5	4	5	7	10	5	13	9	10	6	5	2	..	..	..	199	185	384	
61. Pneumonia ..	75	33	19	10	4	141	2	3	1	4	8	7	15	1	16	14	12	17	9	9	2	2	..	..	..	140	131	271	
62. Pleurisy ..	..	..	..	..	..	..	..	1	1	1	2	1	2	1	1	3	3	4	2	3	1	1	..	..	..	5	15	24	
63. Gangrene of the lung ..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	3	1	1	1	1	2	3	1	..	..	..	9	15	24	
64. Asthma ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	7	12	
65. Pulmonary emphysema ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3
66. Other diseases of the respiratory system (tuberculosis excepted) ..	6	6	2	2	..	16	2	1	..	3	1	3	1	2	2	2	2	1	2	..	..	..	..	..	23	17	40	..	
Totals of respiratory system ..	307	170	57	28	9	571	10	9	5	12	23	18	25	27	44	60	76	112	99	118	83	40	21	..	644	709	1353	..		
V. Diseases of the Digestive System.																														
67. Ulcer of the stomach ..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	2	4	2	1	..	..	..	..	..	..	..	6	6	12	..
68. Other diseases of the Stomach (cancer excepted) ..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	3	3	3	7	2	2	1	1	..	..	..	25	23	48	..
69. Diarrhoea and enteritis ..	20	1	1	2	2	139	1	2	5	..	3	4	1	3	1	2	1	1	..	3	..	..	..	..	..	71	81	152	..
70. Appendicitis and typhlitis ..	108	22	..	..	..	..	3	3	3	1	3	1	1	3	1	2	2	1	..	..	..	..	..	..	..	15	11	26	..
71. Hernias, intestinal obstructions ..	3	..	..	..	..	6	..	..	..	1	1	1	3	1	1	3	3	6	8	2	5	2	..	..	..	24	24	48	..
72. Other diseases of the intestine ..	6	1	..	..	..	7	..	..	..	2	1	1	5	2	..	1	1	1	..	3	2	1	..	..	..	16	12	28	..
73. Acute yellow atrophy of the liver ..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	..
74. Hydatid tumour of the liver ..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2	2	2	..
75. Cirrhosis of the liver ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	..
76. Biliary calculi ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	2	2	2	..
77. Other diseases of the liver ..	2	..	..	..	..	2	..	..	..	..	..	..	..	1	3	..	2	2	..	1	..	1	..	..	..	4	6	10	..
78. Simple peritonitis (non-puerperal) ..	..	..	..	..	..	..	1	..	1	1	..	..	2	1	4	3	1	1	1	..	..	..	..	..	..	5	11	16	..
79. Other diseases of the digestive system (cancer and tuberculosis excepted) ..	1	..	..	..	..	1	..	1	..	..	..	1	5	..	1	..	..	..	..	..	..	..	..	..	..	4	5	9	..
Totals of digestive system ..	140	24	9	2	3	178	8	6	4	5	7	9	18	10	16	22	15	22	11	11	6	5	3	..	174	182	356	..		
VI. Non-venereal Disorders of the Genito-Urinary System.																														
80. Acute nephritis ..	1	..	1	..	2	3	1	..	2	4	3	8	3	5	4	13	12	9	5	1	2	2	..	..	..	44	33	77	..
81. Bright's disease ..	..	..	..	..	..	..	..	..	..	3	8	8	6	3	4	4	12	6	11	6	3	1	..	..	..	31	41	72	..
82. Other diseases of the kidneys ..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	2	..	3	..	..	1	1	..	..	..	..	4	6	10	..
83. Calculi of the urinary passages ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
84. Diseases of the bladder ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	2	1	2	1	1	3	..	..	..	..	11	5	16	..
85. Diseases of the prostate ..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	5	3	2	3	1	..	..	..	14	..	14	..
86. Hemorrhage	1	1	1	1	1	1	1	1	7	7	8	..
87. Tumor (non-cancerous)	1	1	1	1	1	1	1	3	3	3	..
88. Other diseases of the uterus	7	7	8	..
Totals of genito-urinary system ..	1	..	1	..	1	3	1	3	4	9	10	18	13	10	13	20	30	23	22	12	12	4	..	..	..	104	103	207	..

TABLE No. 8 (continued).

CAUSES OF DEATH.	AGE.																	Sex		TOTAL.									
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.		70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.	Females.		
VII. Puerperal State.																													
89. Accidents of pregnancy ..	..	..	..	..	..	..	..	..	..	2	2	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	6	6
90. Puerperal hemorrhage ..	..	..	..	..	..	..	..	..	..	1	..	1	3	1	..	..	..	..	..	..	..	..	..	..	..	..	6	6
91. Other accidents of labour ..	..	..	..	..	..	..	..	..	..	3	1	4	4	1	..	..	..	..	..	..	..	..	..	..	..	..	19	19
92. Puerperal septicaemia ..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
93. Puerperal albuminuria and convulsions ..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
Totals of puerperal state ..	..	..	..	..	..	..	..	..	..	6	12	7	12	2	..	..	..	..	..	..	..	..	..	..	..	..	39	39
VIII. Diseases of the Skin and of the Cellular Tissue.																													
94. Gangrene ..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1	..	..	..	3	3	6
95. Acute abscess	1	..	1	2	1	7	2	9
96. Other diseases of the skin ..	3	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Totals of skin tissue ..	4	..	..	..	..	4	..	..	..	..	1	..	1	..	..	1	1	3	1	1	1	1	..	..	..	10	5	15
IX. Diseases of the Bones and of the Organs of Locomotion.																													
97. Diseases of the bones (tuberculousis excepted) ..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	4	2	6
98. Diseases of the joints (tuberculousis and rheumatism excepted) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1
99. Amputations ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
100. Other diseases of the organs of locomotion ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals of bones and organs of locomotion ..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	..	4	3	7
X. Malformations.																													
101. Congenital malformations (stillbirths not included) ..	29	..	..	..	..	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	11	29
XI. Diseases of Early Infancy.																													
102. Congenital debility icterus, and sclerema ..	428	6	2	1	1	438	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	250	189	439
103. Other diseases peculiar to early infancy ..	12	..	1	..	..	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	6	13
103a. Other accidents at birth ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
103b. Inattention at birth ..	3	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3
Totals of early infancy ..	444	6	3	1	1	455	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	259	197	456

TABLE No. 8 (continued).

CAUSES OF DEATH.	AGE.																	SEX		TOTAL.							
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.		70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.	Females.
XII. 104. Senility	2	14	65	81	91	59	..	101	211	312
XIII. 105. Suicide by poison .. 106. Suicide by asphyxia .. 107. Suicide by hanging or strangulation .. 108. Suicide by drowning .. 109. Suicide by firearms .. 110. Suicide by cutting or piercing instruments .. 111. Other suicides .. 112. Poisoning by food .. 113. Other acute poisonings .. 114. Burns .. 115. Absorption of deleterious gases .. 116. Accidental drowning .. 117. Traumatism by cutting or piercing instruments .. 118. Traumatism by fall .. 119. Traumatism by machines .. 120. Excessive cold .. 121. Effects of heat .. 122. Homicide by firearms .. 123. Homicide by cutting or piercing instruments .. 124. Homicide by other means .. 125. Fractures (causes not specified) .. 126. Other external violence																										

TABLE No. 9.

Shewing the number of deaths registered as having been caused by the principal Zymotic Diseases, also the annual rate of mortality per 10,000 of the population during the thirty-five years 1890–1924 :—

Year.	POPULATION.	Typhoid Fever.		Typhus Fever.		Smallpox		Scarlet Fever.		Simple Contin'd Fever.		Diphtheria.		Whooping Cough.		Measles.		Diarrhoea.	
		Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000
1890	232,222	177	7.6	13	0.5	..	..	41	1.7	16	0.6	37	1.5	292	12.5	378	16.2	247	10.6
1891	255,922	151	5.9	10	0.3	3	0.1	31	1.2	9	0.3	26	1.0	158	6.1	10	0.3	276	10.7
1892	261,046	108	4.1	11	0.4	..	..	35	1.3	26	0.9	43	1.6	131	5.0	339	12.6	286	10.9
1893	275,000	122	4.4	14	0.5	..	..	48	1.7	10	0.3	52	1.8	193	7.0	216	7.8	599	21.7
1894	285,000	145	5.1	4	0.1	..	..	38	1.3	21	0.7	66	2.3	190	6.6	452	15.8	197	6.9
1895	295,000	184	6.2	19	0.6	..	..	88	2.9	29	0.9	34	1.1	109	3.6	197	3.6	325	11.0
1896	300,000	136	4.5	4	0.6	..	..	173	5.7	19	0.6	47	1.5	215	7.1	205	6.8	206	6.8
1897	310,000	354	11.4	5	0.1	..	..	32	1.0	16	0.5	38	1.2	187	6.0	124	4.0	355	11.4
1898	340,000	640	18.8	1	0.02	..	..	21	0.6	22	0.6	87	2.5	109	3.2	54	1.5	356	10.4
1899	350,000	263	7.5	1	0.02	..	..	24	0.6	10	0.2	61	1.7	215	6.1	146	4.1	285	8.1
1900	359,000	261	7.2	2	0.05	..	..	14	0.3	8	0.2	54	1.5	115	3.2	42	1.1	241	6.7
1901	358,862	341	9.7	3	0.08	1	0.02	13	0.3	26	0.7	65	1.8	162	4.6	240	6.8	292	8.3
1902	360,000	169	4.7	3	0.08	1	0.02	15	0.4	12	0.3	66	1.8	208	5.7	349	9.6	204	5.6
1903	360,000	136	3.7	4	0.1	..	..	24	0.6	18	0.5	40	1.1	168	4.6	125	3.4	277	7.6
1904	360,000	111	3.0	6	0.1	8	0.2	21	0.5	8	0.2	28	0.7	260	7.2	196	5.4	251	6.9
1905	360,000	128	3.5	1	0.02	1	0.02	35	0.9	6	0.1	32	0.8	24	0.6	227	6.3	295	8.2
1906	366,220	90	2.4	3	0.08	..	..	26	0.7	9	0.2	41	1.1	331	9.0	29	0.7	376	10.2
1907	370,163	82	2.2	3	0.08	..	..	13	0.3	2	0.5	38	1.0	64	1.7	201	5.4	212	5.7
1908	380,344	57	1.5	10	0.26	..	..	4	0.1	2	0.5	33	0.8	137	3.6	186	4.8	260	6.8
1909	386,576	20	0.5	..	..	..	..	4	0.1	2	0.5	18	0.4	213	5.5	10	0.2	244	6.3
1910	391,167	18	0.4	1	0.02	..	..	18	0.4	5	0.1	27	0.5	259	6.6	504	2.8	241	6.1
1911	386,449	15	0.4	2	0.05	..	..	37	1.0	..	..	32	0.8	67	1.7	2	0.05	290	7.5
1912	391,974	17	0.4	2	0.05	..	..	48	1.2	..	..	37	0.9	217	5.5	171	4.4	159	4.1
1913	396,000	22	0.5	1	0.03	..	..	153	3.9	..	..	53	1.3	41	1.0	182	4.6	458	11.5
1914	399,000	26	0.6	12	0.3	..	..	170	4.3	..	..	31	0.8	205	5.1	205	5.1	457	11.5
1915	403,000	10	0.2	..	..	..	..	107	2.7	..	..	27	0.7	134	3.3	177	4.4	240	6.0
1916	390,000	19	0.5	4	0.1	..	..	52	1.3	..	..	28	0.7	120	3.1	191	4.9	236	6.1
1917	393,000	39	1.0	6	0.15	..	..	11	0.3	..	..	22	0.6	57	1.5	98	2.5	180	4.6
1918	393,000	25	0.6	3	0.08	..	..	12	0.3	..	..	30	0.8	317	8.1	111	2.8	205	5.2
1919	401,000	17	0.4	1	0.02	..	..	138	3.4	..	..	30	0.7	9	0.2	137	3.4	263	6.4
1920	413,000	34	0.8	9	0.2	..	..	94	2.3	..	..	45	1.1	84	2.0	132	3.2	223	5.4
1921	420,000	15	0.4	3	0.07	..	..	11	0.3	..	..	31	0.7	222	5.3	17	0.4	279	6.7
1922	425,000	7	0.2	..	..	..	..	12	0.3	..	..	43	1.0	16	0.4	33	0.8	152	3.6
1923	429,000	4	0.09	..	..	..	..	26	0.6	..	..	24	0.6	182	4.2	126	2.9	154	3.6
1924	434,000	3	0.07	..	..	..	..	57	1.3	..	..	23	0.5	89	2.0	83	1.9	166	3.8

INFECTIOUS DISEASES.

NOTIFICATIONS.

TABLE No. 10.

Shewing the number of cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889, as having occurred in each of the four quarters.

DISEASE.	QUARTER ENDED.				TOTAL.
	29th March, 1924.	28th June, 1924.	27th Sept., 1924.	3rd Jan., 1925.	
Typhus Fever .. ..	..	..	..	..	..
Typhoid Fever	6	7	16	15	44
Scarlet Fever	262	236	453	867	1818
Simple Fever .. ..	..	..	..	..	..
Puerperal Fever	3	3	1	2	9
Relapsing Fever .. ..	..	..	..	..	..
Smallpox .. ..	..	..	..	..	..
Diphtheria	65	76	39	100	280
Membranous Croup ..	2	..	1	3	6
Erysipelas	18	6	7	11	42
Cerebro-Spinal Meningitis ..	..	..	..	..	..
Poliomyelitis	1	..	..	..	1
Encephalitis Lethargica ..	2	203	15	1	221
Ophthalmia Neonatorum ..	1	2	2	1	6
Total	360	533	534	1,000	2,427

CORRECTED DIAGNOSES.

One case of typhoid fever, 27 of scarlet, 37 of diphtheria, 2 of membranous croup and 9 of Encephalitis Lethargica, were found not suffering from the disease notified.

Of these, 1 case notified as typhoid fever was found to be suffering from broncho pneumonia, 1 case of scarlet fever was found to be suffering from diphtheria and 7 cases notified as diphtheria were found to be suffering from scarlet fever. The remainder were not suffering from any notifiable disease.

TABLE No. 11.
Shewing by Registrar's Districts the number of cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889.

DISTRICT.	Typhus Fever.	Typhoid Fever.	Scarlet Fever.	Simple Continued Fever.	Puerperal Fever.	Relapsing Fever.	Smallpox.	Diphtheria	Mem- branous Croup.	Erysipelas.	Cerebro- Spinal Meningitis.	Polio- myelitis.	Ence- phalitis Lethar- gica.	Ophthal- mia Neona- torum.	TOTAL.
1 Dock	2	66	..	12	..	..	7	1	..	..	..	17	..	95
2 Duncairn	6	190	..	..	..	..	32	3	5	..	..	25	1	262
3 Shankill	7	202	..	12	..	..	20	..	8	..	1	23	..	263
4 Workhouse	7	155	..	12	..	..	37	1	4	..	..	20	1	227
5 Millfield	1	91	..	1	..	..	11	..	3	..	..	13	..	120
6 College	5	160	..	..	..	..	31	1	3	..	..	16	..	216
7 Greencastle	9	..	..	..	..	..	..	..	..	..	2	..	11
8 Ligoniel	43	..	..	..	..	..	..	..	..	..	..	..	44
9 Falls	4	115	..	..	..	..	19	..	1	..	..	8	1	148
10 Woodvale	2	137	..	1	..	..	11	..	2	..	..	14	1	168
11 Ravenhill	2	174	..	1	..	..	33	..	4	..	..	13	..	227
12 Ballymacarrett	1	115	..	..	..	..	32	..	6	..	..	25	..	179
13 Ballyhackamore	1	144	..	..	..	..	18	..	..	..	..	15	1	179
14 Ballymaghan	179
15 Central	2	120	..	..	..	..	..	..	..	..	..	11	..	150
16 Pottinger	4	97	..	..	..	..	14	..	3	..	..	19	1	138
Total	44	1818	..	9	..	..	280	6	42	..	1	221	6	2,427

TABLE No. 12.

Showing the number of Cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889.
the number treated at home and the number in hospital during the ten years, 1915-1924.

YEAR.	TYPHUS FEVER.			TYPHOID FEVER.				SCARLET FEVER.				CONTINUED FEVER.				DIPHTHERIA AND MEMBRANEOUS CROUP.				SMALLPOX.			CEREBRO-SPINAL MENINGITIS.				POLIOMYELITIS.				PUERPERAL FEVER.	ERYSIPELAS.	RELAPSING FEVER.	ENCEPHALITIS LETHARGICA.	OPHTHALMIA NEONATORUM.	TOTAL.
	Total.	Hospital.	Per cent. treated in Hospital.	Total.	Home.	Hospital.	Per cent. treated in Hospital.	Total.	Home.	Hospital.	Per cent. treated in Hospital.	Total.	Home.	Hospital.	Per cent. treated in Hospital.	Total.	Home.	Hospital.	Per cent. treated in Hospital.	Total.	Hospital.	Per cent. treated in Hospital.	Total.	Home.	Hospital.	Per cent. treated in Hospital.	Total.	Home.	Hospital.	Per cent. treated in Hospital.						
1915	..	..	..	49	9	40	81.6	1,994	218	1,776	89.1	5	1	4	80.0	179	29	150	83.8	..	..	..	65	9	56	86.1	1	..	1	100.0	6	185	..	..	..	2484
1916	12	12	100.0	127	9	118	92.9	969	106	863	89.1	..	..	..	..	185	28	137	84.9	..	..	..	22	5	17	77.3	6	2	4	66.6	9	137	..	..	..	1467
1917	38	38	100.0	270	25	245	90.7	436	43	393	90.1	5	..	5	100.0	195	21	174	89.2	..	..	..	11	3	8	72.7	3	1	2	66.6	4	113	..	..	..	1075
1918	23	23	100.0	173	7	166	96.0	262	20	242	92.4	5	1	4	80.0	231	14	217	93.9	..	..	..	17	4	13	76.5	..	..	..	..	4	65	..	..	..	780
1919	1	1	100.0	110	8	102	92.7	2,793	251	2,542	91.0	9	3	6	66.7	238	21	217	91.2	..	..	..	12	1	11	91.7	..	..	..	..	23	149	..	..	..	3335
1920	26	26	100.0	210	17	193	91.9	1,939	189	1,750	90.2	6	..	6	100.0	300	20	280	93.3	..	..	..	8	1	7	87.5	1	1	..	..	48	151	..	..	..	2689
1921	10	10	100.0	123	11	112	91.1	786	79	707	89.9	7	..	7	100.0	414	31	383	92.5	4	4	100.0	7	1	6	85.7	..	..	..	..	14	64	..	2	13	1444
1922	..	..	..	80	10	70	87.5	730	67	663	91.1	..	..	..	..	522	48	474	90.8	..	..	..	11	2	9	81.8	4	1	3	75.0	17	71	..	2	13	1470
1923	..	..	..	46	1	45	97.8	984	36	948	96.3	1	..	1	100.0	296	4	292	98.6	..	..	..	3	..	3	100.0	1	..	1	100.0	13	89	..	20	11	1464
1924	..	..	..	44	1	43	97.7	1,818	66	1,752	96.4	..	..	..	..	286	17	269	94.1	..	..	..	..	..	..	..	1	1	..	..	9	42	..	221	6	2427

TABLE No. 13.

Shewing by age periods and sexes the number of cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889.

DISEASE.	Under 1 year.		1 year and under 2 years.		2 years and under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 25 years.		25 years and under 45 years.		45 years and under 65 years.		65 years and upwards.		Age Unknown.		Total No. MALES.		Total No. FEMALES.		GRAND TOTAL.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
Typhus Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever ..	..	..	..	..	..	..	3	1	4	2	7	5	5	3	5	9	..	..	..	..	..	..	24	20	44	..	..	..
Scarlet Fever ..	12	3	34	38	253	262	349	407	125	169	25	41	15	34	16	27	4	4	..	..	..	..	833	985	1818	..	..	..
Simple Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	6	..	..	..	..	..	..	..	9	..	9	..	..
Relapsing Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	3	2	9	9	41	23	43	35	26	28	6	11	7	17	8	11	..	1	..	..	..	..	143	137	280	..	..	..
Membranous Croup ..	1	..	..	2	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	6	..	..	..	..
Erysipelas ..	..	..	..	1	1	..	..	..	..	1	..	1	3	..	6	10	5	10	1	3	..	..	16	26	42	..	..	..
Cerebro-Spinal Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Polionmyelitis ..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Encephalitis Lethargica ..	..	..	2	2	2	3	13	11	28	18	10	20	15	19	27	28	14	8	1	..	..	..	112	109	221	..	..	..
Ophthalmia Neonatorum ..	2	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4	6	..	..	..	..
	18	8	45	53	299	289	408	455	183	218	48	78	45	76	62	91	23	23	2	3	..	..	1133	1294	2427	..	..	..

TABLE No. 14.

Shewing the rate per 1,000 of the population of cases of Infectious Disease notified, pursuant to the Infectious Disease (Notification) Act, 1889, during the twenty years 1905–1924 ; also the average for the quinquennial periods.

Year.		Rate.	Year.		Rate.
1905	..	6·8	1915	..	6·2
1906	..	7·5	1916	..	3·8
1907	..	4·9	1917	..	2·7
1908	..	3·6	1918	..	2·0
1909	..	2·5	1919	..	8·4
1910	..	3·4	1920	..	6·5
1911	..	3·8	1921	..	3·4
1912	..	3·7	1922	..	3·5
1913	..	7·6	1923	..	3·4
1914	..	7·5	1924	..	5·6

There was an increase of 2.2 per 1,000 of the population in the attack rate for the year compared with the year 1923, and of 0.9 compared with the average for the ten years 1914–1923.

ZYMOTIC DISEASES.

421 deaths were caused by Zymotic Diseases during the year, equivalent to 6.7 per cent. of the total number of deaths registered from all causes, or a Zymotic death rate of 1.0 per 1,000 of the population. During the preceding year the deaths from Zymotic Diseases numbered 518, 8.8 per cent. of the total deaths, or a death rate of 1.2.

3, or 0.71 per cent. of the total deaths from Zymotic Diseases were caused by Typhoid Fever ; 83, or 19.7 per cent., by Measles ; 57, or 13.5 per cent., by Scarlet Fever ; 89, or 21.1 per cent., by Whooping Cough ; 23, or 5.5 per cent., by Diphtheria ; and 166, or 39.4 per cent., by Diarrhœa.

The diseases from which the greatest number of deaths were registered were Diarrhœa, Whooping Cough and Measles, and Scarlet Fever, the figures being respectively 166, 89 and 83 and 57. The comparative figures for the preceding year were 154, 182, 126 and 26 respectively.

TABLE No. 15.

Shewing the annual Death Rate per 1,000 of the population from Zymotic Diseases during the twenty years 1905–1924 ; also the average rate for quinquennial periods.

Year.		Rate.	Year.		Rate.
1905	..	2·1	1915	..	1·7
1906	..	2·5	1916	..	1·7
1907	..	1·7	1917	..	1·1
1908	..	1·8	1918	..	1·8
1909	..	1·3	1919	..	1·5
1910	..	2·7	1920	..	1·5
1911	..	1·8	1921	..	1·4
1912	..	1·7	1922	..	0·6
1913	..	2·3	1923	..	1·2
1914	..	2·7	1924	..	1·0

TYPHUS FEVER.

No case of Typhus Fever occurred during the year.

TYPHOID FEVER

44 cases were notified, but on investigation, one case was found not suffering from the disease, which made the total number of cases which occurred during the year 43, an attack rate of 0.1 per 1,000 of the population.

The number of cases which occurred during the preceding year was 44, and the average number notified annually during the ten years 1914–1923 was 131.

3 deaths were registered, equivalent to a case mortality of 7.0 per cent., or a death rate of 0.007 per 1,000 of the population.

The number of deaths registered during the preceding year was 4, and the average number registered annually during the ten years 1914–1923 was 20.

TABLE No. 16.

Shewing the annual death rate per 1,000 of the population from Typhoid Fever during the twenty years 1905–1924; also the average rate for quinquennial periods.

Year.		Rate.	Year.		Rate.
1905	..	0.35	1915	..	0.02
1906	..	0.24	1916	..	0.05
1907	..	0.22	1917	..	0.10
1908	..	0.15	1918	..	0.06
1909	..	0.05	1919	..	0.04
1910	..	0.04	1920	..	0.08
1911	..	0.04	1921	..	0.04
1912	..	0.04	1922	..	0.02
1913	..	0.05	1923	..	0.01
1914	..	0.07	1924	..	0.007

Average annual death rate for twenty years, 1905–1924—0.08.

SCARLET FEVER.

1,818 cases were notified, but on investigation 27 were found not suffering from the disease. In addition to those notified, 7 cases notified as Diphtheria were found to be suffering from Scarlet Fever, which made the total number that occurred during the year 1,798—an attack rate of 4.1 per 1,000 of the population.

The number of cases which occurred during the preceding year was 981, and the average number notified annually during the ten years 1914–1923 was 1,323.

57 deaths were registered during the year, equivalent to a case mortality of 3.2 per cent., or a death rate of 0.13 per 1,000 of the population.

The number of deaths registered during the preceding year was 26, and the average number registered annually during the ten years 1914–1923 was 63.

As will be seen from above there was a great increase in the number of cases of this disease which occurred during the year compared with the preceding year. This was largely due in the majority of instances either to missed cases or to the fact that mild and unrecognised cases were frequently nursed at home and after a short period were allowed to play on the streets or elsewhere with other children and thus spread the infection.

DIPHTHERIA.

280 cases were notified, but on investigation 37 were found not suffering from the disease. In addition to those notified one case notified as scarlet fever was found to be suffering from diphtheria, which made the total number of cases that occurred during the year 244, an attack rate of 0.56 per 1,000 of the population.

The number of cases that occurred during the preceding year was 241, and the average number notified annually during the ten years 1914–1923 was 281.

23 deaths were registered, equivalent to a case mortality of 9.4 per cent., or a death rate of 0.05 per 1,000 of the population.

The number of deaths registered during the preceding year was 24, and the average number registered annually during the ten years 1914–1923 was 31.

MEMBRANEOUS CROUP.

6 cases of this disease were notified during the year, 2 of which were found, on investigation, not suffering from the disease, which made the total number of cases that occurred during the year 4. 5 cases occurred in the preceding year, and the average number notified annually during the ten years 1914–1923 was 5.

ERYSIPELAS.

42 cases were notified during the year—an attack rate of 0.1 per 1,000 of the population.

The number notified during the preceding year was 89, and the average number notified annually during the ten years 1914–1923 was 124.

CEREBRO-SPINAL MENINGITIS.

No case of this disease was notified during the year.

The number of cases which occurred during the preceding year was 2, and the average number notified annually during the ten years 1914–1923 was 16.

POLIOMYELITIS.

1 case of this disease was notified.

ENCEPHALITIS LETHARGICA.

221 cases were notified, 9 of which were found on investigation not suffering from the disease, which made the total number of cases that occurred during the year 212, an attack rate of 0.49 per 1,000 of the population.

The number of cases that occurred during the preceding year was 20.

30 deaths were registered, equivalent to a case mortality of 14.2 per cent., or a death rate of 0.07 per 1,000 of the population.

3 deaths occurred during the preceding year.

In May, 1921, this disease was made notifiable, and during the remainder of that year only two cases occurred. In 1922 a similar number of cases occurred, but in the following year 20 cases were notified. A serious outbreak occurred in the year under consideration, principally during the months of May, June and July, and for the whole year a total of 221 notifications was received. Vigorous methods were taken by this Department to deal with the outbreak, and since the month of July only a few cases occurred as already stated. In connection with the outbreak 30 deaths were registered.

OPHTHALMIA NEONATORUM.

6 cases were notified during the year, and 11 during the preceding year.

MEASLES.

83 deaths were registered as having been caused by this disease, equivalent to a death rate of 0.19 per 1,000 of the population.

The number registered during the preceding year was 126, and the average number registered annually during the ten years 1914–1923 was 123.

WHOOPING COUGH.

89 deaths were registered during the year, equivalent to a death rate of 0.2 per 1,000 of the population.

The number registered during the preceding year was 182, and the average number registered annually during the ten years 1914–1923 was 135.

DIARRHŒA.

166 deaths were caused by this disease during the year, equivalent to a death rate of 0.38 per 1,000 of the population. Of the total number, 154 were children under 2 years of age and 12 were of persons of 2 years of age and upwards.

The number registered during the preceding year was 154, and the average number registered annually during the ten years 1914–1923 was 239.

VOLUNTARY NOTIFICATIONS OF MEASLES AND WHOOPING COUGH.

There were 98 cases of Measles and 55 cases of Whooping Cough notified by the Medical Officers for the several Dispensary Districts, and 20 cases of Measles and 1 case of Whooping Cough notified by the Principals of the National Schools throughout the City.

PUERPERAL FEVER.

9 cases of this disease were notified.

The number of cases notified during the preceding year was 13, and the average number notified annually during the ten years 1914–1923 was 15.

5 deaths occurred, equivalent to a case mortality of 55 per cent.

The number of deaths which occurred during the preceding year was 7, which gave a case mortality of 54 per cent.

The following is a summary showing particulars with respect to the cases treated :—

	Numbers	Recovered	Died
Cases attended by medical practitioners and qualified nurses..	7	3	4
Cases attended by medical practitioners and unqualified nurses	—	—	—
Cases attended by qualified nurses and no medical practitioners	1	1	—
Cases attended by unqualified nurses and no medical practitioners	1	—	1

MIDWIVES.

During the year 193 midwives gave the required notice of their intention to practise, of these 145 were certified by examination and 48 otherwise certified.

In order to insure compliance with the Rules and Regulations of the Joint Nursing and Midwives' Council, the midwives were visited at intervals throughout the year by the Superintendent of Midwives, both at their homes and also at the homes of cases being attended by them. Special attention was given to the personal cleanliness of the midwives and the condition of their homes and necessary appliances. The registers containing the entries of births attended by them were examined, and were, with very few exceptions, found to be correctly kept.

A number of breaches of the Rules and Regulations were discovered and reported to the Maternity and Child Welfare Committee.

6 cases of Ophthalmia Neonatorum occurred during the year. All of these completely recovered with one exception, in which the sight of one eye was completely lost and the other partially lost.

In cases where artificial feeding was resorted to, instructions as to the absolute necessity of cleanliness of the bottles and teats were given. Mothers were also advised to take advantage of the Child Welfare Centres, the benefits both to themselves and their infants being explained to them.

A great improvement has occurred amongst mothers residing in the poorer localities in the care and attention which they are giving to their babies. I largely attribute this to the manner in which the nurses generally discharge their duties and the information and instructions given at the various Child Welfare Centres.

SUMMARY.

Number of Midwives who notified their intention to practise :—

Certified by examinations	145
Otherwise certified	48
	<hr/> 193

SUMMARY OF VISITS AND GENERAL INFORMATION WITH RESPECT TO THE ENFORCEMENT OF THE PROVISIONS OF THE ACT AND RULES AND REGULATIONS MADE PURSUANT THERETO.

Visits by Superintending Midwife :—

To Midwives certified by examinations..	..	..	..	540	
To Midwives otherwise certified ..	..	..	..	279	
				—	819
To cases attended by Midwives ..	..	..	..	..	428
To Maternity Nursing Homes ..	..	..	..	..	67
To unregistered women found practising	..	..	..	..	20

Births investigated by F.S.S. Officers :—

Attended by Medical Practitioners ..	..	..	..	..	3,487
„ by Midwives certified by examination	..	..	..	..	3,930
„ by Midwives otherwise certified	..	..	..	..	826
„ in Union Maternity Hospital..	..	..	..	..	308
„ in other Maternity Hospitals..	..	..	..	..	465
„ by nurses from Maternity Hospitals	..	..	..	..	672
„ in Malone Place Home ..	..	..	..	..	55
„ in Salvation Army Home ..	..	..	..	..	5

Notifications received by Medical Superintendent Officer of Health :—

Under Form A.—Sending for Medical help ..	..	..	..	..	42
„ „ B.—Notification of Death ..	..	..	..	..	10
„ „ C.—Notification of Stillbirth ..	..	..	..	..	96
„ „ D.—Notification of having laid out a Dead Body ..	..	..	..	..	5
„ „ E.—Artificial Feeding ..	..	..	..	..	9

Irregularities :—

Number of Midwives reported to Medical Superintendent Officer of Health or Maternity and Child Welfare Committee ..	..	53
Practising without being registered	4

Number of Midwives disinfected owing to infectious disease	8
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TABLE No. 17.

PUERPERAL FEVER.

Return shewing Particulars respecting Puerperal Fever Cases.

No.	ADDRESS.		Dispensary District	Was there a Medical Practitioner present at birth ?	Where Treated		Nurse.		Patient.	
					Home.	Hospital.	Qualified.	Un-qualified.	Died.	Recov'd.
1	Leadbetter Street	..	3	Yes	1	1	1	..	1	..
2	Boyd Street	..	5	Yes	..	1	1	..	..	1
3	Silvio Street	..	3	Yes	1	..	1	..	1	..
4	Trafalgar Street	..	1	No	1	1	..	1	1	..
5	Moore Street	..	11	No.	1	1	1	..	..	1
6	Belgravia Avenue	..	4	Yes	1	..	1	..	..	1
7	Thorndale Home	..	3	Yes	..	1	1	..	..	1
8	Montreal Street	..	10	Yes	1	..	1	..	1	..
9	Dock Street	..	1	Yes	1	..	1	..	1	..

TABLE No. 18.

Shewing by Registrars' Districts the number of cases of Typhoid Fever notified, pursuant to the Infectious Disease (Notification) Act, 1889, in each month of the year.

District.	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1 Dock	1	..	..	1	..	..	..	2
2 Duncairn	1	..	..	..	..	..	1	2	2	..	..	6
3 Shankill	1	..	..	1	2	..	1	2	..	7
4 Workhouse	1	1	..	2	..	..	1	..	7
5 Millfield	1	..	..	..	..	..	..	..	..	1
6 College ..	1	..	..	..	..	..	..	1	1	2	..	..	5
7 Greencastle
8 Ligoniel
9 Falls	1	..	..	..	1	..	..	..	..	..	2	4
10 Woodvale	1	..	1	..	..	1	1	..	2
11 Ravenhill	2
12 Ballymacarrett	1	..	..	..	..	..	..	1	..	..	..	1
13 Ballyhackamore	1
14 Ballymaghan	1	..	..	..
15 Central	1	2
16 Pottinger	2	..	..	..	..	1	..	..	..	..	1	4
Total ..	1	5	..	2	2	3	3	6	7	7	4	4	44

TABLE No. 19.

Shewing by Registrars' Districts the number of cases of Scarlet Fever notified, pursuant to the Infectious Disease (Notification) Act, 1889, in each month of the year.

DISTRICT.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1 Dock	2	..	2	..	3	6	6	7	8	16	13	3	66
2 Duncairn	4	2	6	2	10	6	11	25	30	26	44	24	190
3 Shankill	9	6	15	5	5	10	9	22	28	32	33	28	202
4 Workhouse	6	12	11	14	4	3	6	5	18	23	22	31	155
5 Millfield	2	2	..	2	4	5	5	11	20	16	11	13	91
6 College	3	2	11	4	1	5	15	10	9	31	34	35	160
7 Greencastle .. ..	..	..	..	..	..	1	..	..	6	..	1	1	9
8 Ligoniel	3	5	3	..	2	..	1	3	12	6	3	5	43
9 Falls	5	2	4	2	5	6	5	7	18	26	24	11	115
10 Woodvale	1	6	13	6	7	4	5	11	22	24	17	21	137
11 Ravenhill	11	8	5	8	13	8	12	9	12	23	32	33	174
12 Ballymacarrett	15	6	7	13	6	2	11	9	2	9	22	13	115
13 Ballyhackamore	12	8	24	7	8	15	3	8	6	17	17	19	144
14 Ballymaghan .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
15 Central	4	3	..	6	3	11	4	13	10	26	30	10	120
16 Pottinger	15	2	5	1	8	5	8	3	8	12	21	9	97
Total	92	64	106	70	79	87	101	143	209	287	324	256	1818

TABLE No. 20.

Shewing by Registrars' Districts, the number of cases of Diphtheria notified, pursuant to the Infectious Disease (Notification) Act, 1889, in each month of the year.

DISTRICT.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1 Dock .. ..	..	..	1	..	..	1	1	..	1	1	..	2	7
2 Duncairn	2	3	3	1	5	1	3	3	1	..	2	8	32
3 Shankill .. ..	..	1	1	2	1	3	1	2	..	2	2	5	20
4 Workhouse	5	1	5	3	5	3	1	2	..	2	7	3	37
5 Millfield .. ..	..	..	..	..	1	6	..	..	..	1	..	3	11
6 College .. ..	..	1	5	7	3	..	..	1	1	3	6	4	31
7 Greencastle .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 Ligoniel .. ..	..	..	..	..	..	..	..	..	..	..	..	1	1
9 Falls	1	1	1	1	1	1	1	..	2	2	4	4	19
10 Woodvale	2	1	1	..	..	1	..	1	1	..	..	4	11
11 Ravenhill	2	3	5	6	3	2	1	1	1	2	7	..	33
12 Ballymacarrett	2	3	7	1	2	2	1	3	1	1	9	..	32
13 Ballyhackamore	1	..	..	3	2	1	2	1	1	1	4	2	18
14 Ballymaghan .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
15 Central	3	..	..	..	..	1	..	..	4	1	..	5	14
16 Pottinger	1	2	1	3	..	4	..	..	1	..	2	..	14
Total	19	16	30	27	23	26	11	14	14	16	43	41	280

TABLE No. 21.

Shewing by Registrars' Districts the number of cases of Erysipelas notified pursuant to the Infectious Disease (Notification) Act, 1889, in each month of the year.

District.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1—Dock ..	..	..	..	..	..	..	..	..	..	..	..	..	..
2—Duncairn ..	3	1	1	..	..	..	..	..	..	..	..	..	5
3—Shankill ..	1	3	..	..	..	1	..	1	..	..	2	..	8
4—Workhouse ..	..	1	1	..	..	..	..	2	..	..	..	..	4
5—Millfield ..	..	..	..	..	..	1	..	..	1	..	..	1	3
6—College ..	..	..	..	..	..	1	..	..	..	..	1	1	3
7—Greencastle ..	..	..	..	..	..	..	..	..	..	..	..	..	..
8—Ligoniel ..	..	..	..	..	..	..	..	..	..	..	..	..	..
9—Falls ..	..	1	..	..	..	..	..	..	..	..	..	..	1
10—Woodvale ..	..	..	..	..	..	1	..	..	..	..	..	1	2
11—Ravenhill ..	..	..	1	1	..	..	..	..	..	..	1	1	4
12—Ballymacarrett ..	1	2	..	1	..	..	..	..	1	..	1	..	6
13—Ballyhackamore ..	..	..	..	..	..	..	..	..	..	..	..	..	..
14—Ballynaghian ..	..	..	..	..	..	..	..	..	..	..	..	..	..
15—Central ..	..	1	..	..	..	..	..	..	..	..	1	1	3
16—Pottinger ..	..	1	..	..	..	..	1	1	..	..	..	..	3
Total ..	5	10	3	2	..	4	1	4	2	..	6	5	42

PUBLIC HEALTH (IRELAND) PNEUMONIA, MALARIA, DYSENTERY, &c., REGULATIONS, 1919.

Under above Regulations, which came into operation on the 1st of April, 1919, every Medical Practitioner as soon as he becomes aware that a person upon whom he is in professional attendance is suffering from Malaria, or Dysentery, or Trench Fever, or Acute Primary Pneumonia, or Acute Influenzal Pneumonia, is required to send or deliver to the Medical Officer of Health, a notification of the case.

The number of cases notified under the Regulations were :—

40 Pneumonia.
1 Malaria.

The houses in which these diseases occurred were visited and precautions taken to prevent the spread of the disease.

PRECAUTIONS TAKEN TO PREVENT THE SPREAD OF INFECTION.

In order to prevent the spread of infection, every house in which infectious disease has occurred is thoroughly disinfected immediately after the receipt of notification of the disease. The bedding, clothing, etc., of the patient and all other articles likely to retain infection are removed to the Disinfecting Station, Laganbank Road, and subjected to steam under pressure.

If it is considered that the patient could not be properly isolated from other members of the family, or that the accommodation in the house is not adequate for successful treatment, removal of the patient to hospital is insisted upon. In cases where home treatment is permitted instructions are given as to the precautions to be taken to prevent the spread of infection and periodical visits are made to ensure that the instructions are being carried out.

Disinfectants are supplied free of cost to every applicant in whose home infectious disease has occurred and also to those whom it is considered are not in a position to purchase same.

Exhaustive enquiries are made with a view to the discovery of the origin of the disease. The sanitary arrangements are carefully examined ; the drains if suspected are tested ; investigations are made with respect to the milk supply ; enquiries are made as to whether any food of a deleterious nature, such as contaminated shellfish, unsound or unwholesome fruit, etc., has been eaten, in fact anything which it is considered might form a possible clue to the source of infection is carefully investigated.

The number of Houses disinfected during the year was 2,992.

Table No. 24 shows the number of articles treated at the Disinfecting Station during the year.

LIBRARY BOOKS.

During the year 181 volumes belonging to the Central and Branch Public Libraries were taken by the officers of the Department from houses in which infectious diseases occurred, and withdrawn from circulation, amounting to a loss of £53 4s. 9d. to the Library Committee. This is an increase of 74 volumes and of £20 1s. 8d. compared with the preceding year, and was mainly due to the increase in the number of cases of Scarlet Fever which occurred. The books of other libraries were disinfected and returned if the owners did not consent to the destruction of same.

PURDYSBURN FEVER HOSPITAL.

To the Chairman and Members of the Public Health Committee.

LADIES AND GENTLEMEN,

I have the honour to present to you the following report on the working of Purdysburn Fever Hospital for the year (53 weeks ended 3rd January, 1925).

2,340 cases were admitted during this period, there remained from the previous year 214 cases, making a total of 2,554 cases under treatment.

2,221 of these were treated to a conclusion, leaving 333 cases in hospital at the end of the year.

The number of admissions in the previous year had been 1,473 and the average number of admissions in the previous five years 1,471.

TABLE I.

Showing the classification of the cases, and the mortality in cases treated to a conclusion.

Disease.	Remaining on 29/12/23	Admitted during 53 weeks	Total.	Remaining on 3/1/25	Nett	Died	Mortality % calculated on cases treated to a conclusion.
Typhoid	4	54	58	6	52	3	5.76
Typhus	—	—	—	—	—	—	—
Scarlatina	195	1705	1900	284	1616	54	3.34
Diphtheria	12	244	256	30	226	20	8.85
Cerebro-Spinal Fever	—	2	2	—	2	0	0.00
Pneumonia	—	7	7	—	7	0	0.00
Other Diseases	3	208	211	13	198	26	13.13
Quarantine	—	22	22	—	22	—	—
Epidemic Encephalitis	—	98	98	—	98	12	12.24
Smallpox	—	—	—	—	—	—	—
Acute Poliomyelitis ..	—	—	—	—	—	—	—
Totals	214	2340	2554	333	2221	115	5.18
Comparative Numbers in 1923	228	1473	1701	214	1486	78	5.24

TYPHOID FEVER.

54 cases of Typhoid were admitted during the year, 4 cases remained from the previous year, making a total of 58 cases under treatment. 6 cases were still in hospital at the end of the year. 52 cases were treated to a conclusion, of these, 3 died giving a mortality rate of 5.76 per cent.

Of the 54 admissions, 32 came from the city and 22 from outside the city boundary.

In the previous year the admissions numbered 47.

The average number of admissions in the previous five years was 120.

The number of cases admitted from the city (32) is the lowest on record.

TABLE II.

Showing the case mortality in age periods.

Ages.				Cases.	Died.	Mortality per cent.
Under 5 years	..	..	..	—	—	—
5—10 years	..	..	..	4	0	0.00
10—20	..	..	..	23	2	8.69
20—30	..	..	..	13	0	0.00
Over 30	..	..	..	12	1	8.33
Totals	..	..	..	52	3	5.76

TABLE III.

Showing the number of Typhoid Cases admitted in each month.

January	..	..	1	July	..	..	6
February	..	..	4	August	..	..	8
March	..	..	—	September	..	..	10
April	..	..	2	October	..	..	6
May	..	..	3	November	..	..	8
June	..	..	3	December	..	..	3
Total							54

DIPHTHERIA.

244 cases were admitted during the year, making with the 12 remaining over from the previous year, 256 cases under treatment.

30 cases still remained in hospital at the end of the year.

226 cases were treated to a conclusion with 20 deaths, giving a case mortality of 8.85 per cent.

1 case died within 12 hours, 3 cases between 12 and 24 hours and 2 cases between 24 and 48 hours of admission.

Of the 244 admissions 205 came from the city and 39 from outside the city boundary. In the previous year the admissions numbered 249.

The average number of admissions in the previous five years was 289.

TABLE IV.

Showing case mortality in age periods.

Ages.				Cases.	Died.	Mortality per cent.
Under 1 year	..	..	..	1	0	0.00
1—2	..	..	..	15	4	26.6
2—5	..	..	..	49	8	16.3
5—10	..	..	..	70	8	11.4
10—20	..	..	..	57	0	0.00
20—30	..	..	..	24	0	0.00
Over 30	..	..	..	10	0	—
Totals	..	..	..	226	20	8.85

LARYNGEAL DIPHTHERIA.

9 cases required operative interference for laryngeal obstruction.

TABLE V.

Showing results in age periods in cases in which intubation of the Larynx was performed.

Ages.				Cases.	Died.	Mortality per cent.
Under 1 year	..	..	..	—	—	—
1—2 years	..	..	..	3	1	33.3
2—3 "	..	..	..	1	0	0.0
3—4 "	..	..	..	3	1	33.3
4—5 "	..	..	..	2	1	50.0
Over 5 "	..	..	..	—	—	—
Totals ..	..	..	..	9	3	33.3

There was one "return" case of Diphtheria—a return rate of 0.91 per cent.

PNEUMONIA.

7 cases of Pneumonia were admitted, all cases recovered.

CEREBRO-SPINAL FEVER.

2 cases of Cerebro-Spinal Fever were admitted during the year. Both recovered.

The number of admissions in the previous year was 1, and the average number of admissions in the previous five years was 7.

SCARLATINA.

1,705 cases were admitted during the year, making with the 195 cases remaining over from the previous year a total of 1,900 cases under treatment.

284 cases still remained in hospital at the end of the year, so that 1,616 cases were treated to a conclusion during the year.

54 of these ended fatally, giving a case mortality of 3.34 per cent.

Of the 1,705 admissions 238 came from outside the city boundary and 1,467 from the city.

In the previous year 987 cases were admitted.

The average number of admissions in the previous five years was 881.

TABLE VI.

Showing the case mortality in age periods.

Ages.				Cases.	Died.	Mortality per cent.
Under 1 year	..	..	..	14	2	14.28
1—2 years	..	..	..	74	10	13.51
2—5 "	..	..	..	497	29	5.84
5—10 "	..	..	..	648	11	1.69
10—20 "	..	..	..	289	2	.69
20—30 "	..	..	..	70	—	—
Over 30 "	..	..	..	24	—	—
Totals ..	..	..	..	1616	54	3.34

Of the 54 deaths—1 occurred within 12 hours of admission.

5 " " 24 " "

4 " " 48 " "

“ RETURN CASES.”

In 45 instances the return home of a patient from hospital was followed by other cases in the house, giving a return case rate of 2.77 per cent.

On the average these 45 cases had reached the 46th day from the onset of the disease when they were discharged.

EPIDEMIC ENCEPHALITIS.

98 cases were admitted during the year.

12 of these ended fatally, giving a case mortality of 12.2 per cent.

Of the 98 admissions, 90 came from the city and 8 from outside the city boundary.

In the previous year 4 cases were admitted.

The first case was admitted on 15th April, 1924, and the last on 8th July, 1924.

TABLE VII.

Showing the case mortality in age periods.

Ages.				Cases.	Died.	Mortality per cent.
Under 1 year	..	..	..	—	—	—
1— 2 years	..	..	..	2	0	0.00
2— 5	..	..	..	3	0	0.00
5—10	..	..	..	12	0	0.00
10—20	..	..	..	33	4	12.12
20—30	..	..	..	25	4	16.00
Over 30	..	..	..	23	4	17.39
Totals ..	..	..	..	98	12	12.24

OTHER DISEASES.

208 cases of “ Other Diseases ” were admitted during the year. These included cases admitted for observation and which did not develop any of the ordinary infectious diseases, and also members of the staff who became ill from causes other than infectious diseases and who were warded in the Isolation Pavilion for convenience of nursing.

3 cases remained from the previous year, and 13 remained at the end of this year, so that the number of cases treated to a conclusion was 198 ; of these 26 died, giving a case mortality of 13.1 per cent.

The causes of death in these 26 cases were :—Tubercular Meningitis 13, Pneumococcal Meningitis 2, Laryngitis and Broncho-Pneumonia 2, Measles 1, Cerebral Haemorrhage 2, Convulsions 1, Influenza 1, Hemiplegia 1, Broncho-Pneumonia 1, Purpura Haemorrhagica 1, Cerebral Apoplexy 1.

INFECTIOUS DISEASES AMONGST THE STAFF.

- 3 Probationer Nurses contracted Scarlatina.
 - 1 Sister, 2 Probationer Nurses and 2 Maids contracted Diphtheria.
 - 2 Probationer Nurses contracted Rubella.
 - 1 Sister contracted Erysipelas.
- All made good recoveries.

STAFF.

The Staff at the end of the year consisted of :—

1 Medical Superintendent.	1 Foreman Gardener.
3 Resident Medical Officers.	5 Groundsmen.
1 Steward.	1 Matron.
1 Clerk.	1 Night Superintendent.
1 Storekeeper	1 Night Superintendent (Joint).
1 Engineer.	1 Housekeeper.
1 General Mechanic.	12 Ward Sisters.
3 Motor Drivers.	40 Probationers.
1 Van Man.	1 Laundress.
3 Firemen.	1 Cook.
2 Engine Men at Pumping Station.	1 Seamstress.
5 General Porters.	15 Ward Maids.
1 Gate Porter.	5 General Maids.
1 Disinfector.	3 Kitchen Maids.
1 Night Porter.	7 Laundry Maids.

Throughout the year the Staff have discharged their responsible duties very satisfactorily.

I am, Ladies and Gentlemen,

Your obedient Servant,

A. GARDNER ROBB,

Visiting Physician in Charge.

TABLE No. 24.
ARTICLES DISINFECTED AT DISINFECTING STATION, LAGANBANK ROAD.

CLOTHING.																																					
	Slippers.	Boots.	Caps.	Coats.	Hats.	Vests.	Collars.	Pants.	Braces.	Ties.	Stockings.	Socks.	Shirts.	Flannels.	Blouses.	Gowns.	Cloaks.	Dresses.	Rugs.	Bodices.	Corsets.	Pettitcoats.	Shawls.	Chemises.	Mantles.	Jackets.	Aprons.	Handkerchiefs	Drawers.	Skirts.	Furs.	Belts.	Capes.	Other Articles	Total.		
1924.																																					
Total for January	1	5	..	2	1	2	4	1	1	..	2	3	1	..	2	1	20
" February	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	
" March	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	
" April	4	..	2	..	..	..	2	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	
" May	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
" June	..	1	..	6	..	2	..	2	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	13
" July	1	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	4	
" August	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	
" September	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	1	..	..	..	..	1	..	..	..	..	..	3	
" October	1	..	1	..	2	..	1	1	..	4	3	..	1	1	..	..	2	..	..	1	1	3	..	1	1	..	1	..	2	..	..	..	23	
" November	5	..	3	..	3	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	17	
" December	4	1	..	2	..	..	6	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	14	
" Total	1	..	1	24	..	10	1	10	4	4	2	..	11	4	..	8	2	2	15	..	..	2	5	5	..	..	3	1	..	1	..	3	..	..	..	118

TABLE 23

VENEREAL DISEASES.

Work done at the Clinics and Laboratories during the Year ended the 31st March, 1924.

HOSPITALS, &c.	Number of Persons dealt with at the Out-Patient Clinic and found to be suffering from—				Total Number of attendances at Out-patient Clinics.	Number of persons who were treated as In-patients.	Aggregate number of In-patient days.	Wassermann Reactions.	Smears.
	Syphilis	Gonorrhoea	Soft Chancre	Not Suffering from V D.					
Royal Victoria Hospital	909	334	4	1,776	10,070	36	887	3,603	306
Mater Infirmorum Hospital	540	254	22	227	3,065	31	761	918	117
Union Hospital	—	—	—	—	—	326	21,448	—	—
Municipal Laboratory... ..	—	—	—	—	—	—	—	813	38
Laboratory at Queen's University ..	—	—	—	—	—	—	—	149	15
Total	1,449	588	26	2,003	13,135	393	23,096	5,483	476

TABLE No. 25.

Shewing the number of Deaths registered as having been caused by Phthisis and Diseases of the Respiratory Organs ; also the Annual Rate of Mortality per 1,000 of the population during the twenty years, 1904-1924 :—

Year.			Population.	Phthisis.	Rate per 1,000.	Diseases of the Respiratory System.			Total Chest Affections.
						Pneumonia.	Others.	Total.	
1904	..	..	360,000	1,120	3.1	..	1,765	1,765	2,885
1905	..	..	360,000	1,116	3.1	577	1,055	1,632	2,748
1906	..	..	366,220	1,015	2.7	558	1,000	1,558	2,573
1907	..	..	370,163	926	2.5	696	1,137	1,833	2,759
1908	..	..	380,344	880	2.3	753	1,210	1,963	2,843
1909	..	..	386,576	811	2.1	705	1,130	1,835	2,646
1910	..	..	391,167	825	2.1	622	916	1,538	2,363
1911	..	..	386,449	802	2.1	468	788	1,256	2,058
1912	..	..	391,974	802	2.0	799	981	1,780	2,582
1913	..	..	396,000	844	2.1	665	868	1,533	2,377
1914	..	..	399,000	836	2.1	701	929	1,630	2,466
1915	..	..	403,000	813	2.0	738	929	1,667	2,480
1916	..	..	390,000	830	2.1	506	670	1,176	2,006
1917	..	..	393,000	932	2.4	614	825	1,439	2,371
1918	..	..	393,000	1,051	2.7	1,412	1,608	3,020	4,071
1919	..	..	401,000	853	2.1	712	1,104	1,816	2,669
1920	..	..	413,000	762	1.8	800	766	1,566	2,328
1921	..	..	420,000	677	1.6	511	520	1,031	1,708
1922	..	..	425,000	624	1.5	594	648	1,242	1,866
1923	..	..	429,000	571	1.3	564	573	1,137	1,708
1924	..	..	434,000	605	1.4	623	720	1,343	1,948

INFANTILE MORTALITY.

1,137 deaths of children under one year old were registered during the year, equivalent to 107 deaths per 1,000 births, an increase of 6 per 1,000, compared with the preceding year.

Of the total number registered 457 or 40.2 per cent. were due to congenital debility, 298, or 26.2 per cent. to bronchitis and pneumonia ; 125 or 11.0 per cent., to diarrhœal diseases ; 49 or 4.3 per cent., to convulsions ; 45 or 4.0 per cent., to whooping cough ; and 31 or 2.7 per cent. to measles. These were the principal causes of death.

The Infantile Mortality is not as low as one would wish or expect, but when we consider the privations and hardships and the large amount of overcrowding the wonder is that the mortality is not even greater.

NOTIFICATION OF BIRTHS ACT.

10,275 births, including 263 stillbirths and 339 illegitimate births, were notified during the year, pursuant to the Notification of Births Act ; 5,347 of these were males and 4,858 were females, and in 70 instances the sex was not stated.

Of the total number notified 9,473 were selected for visitation and supervision, and during the year 46,223 visits were made.

On visiting a house where a birth has taken place the Health Visitor makes enquiries regarding the family history, and with respect to the conditions obtaining in the home. She also makes an examination of the sanitary arrangements, and if any defect is discovered immediate remedial measures are taken.

She gives advice and instructions as to the care of infants and young children, the preparation of food and the storage of milk, butter, &c., and the precautions to be taken to prevent infectious disease.

For a period of twelve months the child is kept under special supervision and its progress recorded, and the mother is advised to attend the Child Welfare Centre in the district in which she resides. After this period there is a general supervision exercised by the Officers in the district, and if children are delicate or not thriving they are kept under supervision as long as is considered necessary.

MATERNITY AND CHILD WELFARE.

There were six Centres in operation during the year, situated at Donegall Road, Chamberlain Street, Danube Street, York Street, Shankill Road and Springfield Road. Each Centre was open one afternoon in the week, when a Medical Practitioner, a properly trained and qualified Nurse, and a Health Visitor, together with several voluntary workers, were in attendance.

The work of the Centres consists of a thorough medical examination of babies and medical advice as to their treatment where such is required. Each baby is weighed periodically, and the weight recorded in order to ascertain the progress being made and to assist in the discovery of defects or ailments at the earliest possible moment and thus prevent or check any disease which may impede its progress or have a detrimental effect upon its after life. Consultations are held with mothers with respect to their health, and they are advised and instructed in the care of infants and young children, and are supplied with instructive literature on the subject. Food, such as Virol and Glaxo, is supplied at cost price and free to cases where it is considered the circumstances warrant it. In addition to assisting in the regular work of the Centres, the ladies who assisted voluntarily throughout the year very kindly provided suitable clothing for babies at a nominal charge.

The following table shews the number of names on the roll of each Centre, and the total number of attendances during the year, also the number of babies medically examined and the total number of examinations :—

Centre.	On Roll.	Total No. of attendances.	Babies medically examined.	Total medical examinations of babies.
Donegall Road	496	3,401	224	290
Chamberlain Street	832	6,815	320	699
Danube Street	820	5,592	504	624
York Street	527	4,345	352	981
Shankill Road	563	4,979	406	535
Springfield Road	645	4,771	433	1233
	3,883	29,903	2,239	4,362

In 1923 the total number on the rolls was 3,605 and the total number of attendances 26,653. 2,039 babies were medically examined, the total number of such examinations being 3,094. From these figures it will be seen that there was a further increase in the number of persons availing themselves of the benefits of the Maternity and Child Welfare Scheme.

During the year 12,864 lbs. of Glaxo and 5,292 lbs. of Virol were distributed. This is an increase compared with the preceding year when 12,096 lbs. of Glaxo and 4,172 lbs. of Virol were supplied either at cost price or free to necessitous cases.

Table shewing the Deaths of children under one year old per 1,000 births each year from 1881-1924.

Year.			Deaths per 1,000 Births.	Year.			Deaths per 1,000 Births.
1881	..	..	136	1903	..	..	134
1882	..	..	151	1904	..	..	154
1883	..	..	162	1905	..	..	136
1884	..	..	126	1906	..	..	144
1885	..	..	170	1907	..	..	136
1886	..	..	135	1908	..	..	147
1887	..	..	163	1909	..	..	139
1888	..	..	145	1910	..	..	143
1889	..	..	163	1911	..	..	128
1890	..	..	162	1912	..	..	129
1891	..	..	149	1913	..	..	144
1892	..	..	173	1914	..	..	143
1893	..	..	160	1915	..	..	137
1894	..	..	160	1916	..	..	113
1895	..	..	169	1917	..	..	130
1896	..	..	148	1918	..	..	144
1897	..	..	166	1919	..	..	113
1898	..	..	164	1920	..	..	132
1899	..	..	161	1921	..	..	115
1900	..	..	152	1922	..	..	94
1901	..	..	154	1923	..	..	101
1902	..	..	151	1924	..	..	107

NOTIFICATION OF BIRTHS ACT, 1924.

SUMMARY.

Cases investigated	9,473
„ visited a second time	7,790
„ „ third time	6,769
„ „ fourth time	5,701
„ „ fifth time	4,722
„ „ sixth time	3,745
„ „ seventh time	2,764
„ „ eighth time	1,938
„ „ ninth time	1,311
„ „ tenth time	862
„ „ eleventh time	487
„ „ twelfth time	241
„ „ thirteenth time	143
„ „ fourteenth time	99
„ „ fifteenth time	63
„ „ sixteenth time	35
„ „ seventeenth time	26
„ „ eighteenth time	20
„ „ nineteenth time	10
„ „ twentieth time	10
„ „ twenty-first time	2
„ „ twenty-second time	1
„ „ twenty-third time	1
„ „ twenty-fourth time	1
„ „ twenty-fifth time	1
„ „ over twenty-five times	8
	<hr/> 46,223
Number of visits re Infant Mortality	924
„ visits to Child Welfare Centres	829
„ visits to sick babies	1,137
„ visits to School children	28
„ visits re infectious disease	156
„ visits to expectant mothers	271
„ visits to nurses	82
„ visits to handy women	19
„ miscellaneous visits	1,805
„ visits to mothers	346
„ visits to children over 1 year	5,834

MATERNITY AND

Statement of Net Expenditure incurred by the Belfast County Borough Council in connection
months ended

EXPENDITURE—MAIN SCHEME.										Amount.		
										£	s	d
1. Salaries or remuneration of—												
(a) Medical Officers	..	..	..	..	..	..	..	..	..	300	0	0
(b) Superintendent of Midwives	..	..	..	..	..	..	..	..	..	264	19	0
(c) Health Visitors	..	..	..	..	..	..	..	..	..	1,308	1	0
(d) Other Officers, if any—												
Miss Devlin, Emergency Nurse	..	..	..	..	..	..	..	..	..	182	15	6
(e) Any other expenditure—												
Uniform allowances, etc.	..	..	..	..	..	..	..	..	..	55	8	0
2. Centres—												
(a) Rent	..	..	..	..	..	..	..	..	..	104	18	0
(b) Heating, Lighting, Cleaning	..	..	..	..	..	..	..	..	..	64	2	11
(c) Any other expenditure—												
Glass Jars	..	..	..	..	..	..	..	..	..	8	0	0
Hardware, etc.	..	..	..	..	..	..	..	..	..	2	16	1
3. Payments to Doctors or Midwives under Regulations Nos. 3 and 5										..	..
4. Payments for drugs or other medical requisites—												
Drugs	..	..	..	..	..	..	..	..	..	0	12	0
5. Payments to Hospitals (or Lying-in Homes)—												
(a) In respect of mothers (Regulation No. 4)	..	..	..	..	..	..	..	..	..
(b) In respect of children (Regulation No. 8)	..	..	..	..	..	..	..	..	..
6. Payments to Convalescent Homes or other Institutions under Regulations Nos. 11 and 12, specifying										..	..
7. Contributions to other Voluntary Institutions or Agencies (Regulation No. 14)—												
Thorndale Babies' Home	..	..	..	..	..	..	..	..	..	300	0	0
Rescue and Maternity Home	..	..	..	..	..	..	..	..	..	300	0	0
St. Joseph's Babies' Home	..	..	..	..	..	..	..	..	..	200	0	0
Belfast Maternity Hospital	..	..	..	..	..	..	..	..	..	200	0	0
Maternity and Child Welfare Centre, Charlotte Street	..	..	..	..	..	..	..	..	..	50	0	0
8. Other items of expenditure—												
Advertising, printing and stationery	..	..	..	..	..	..	..	..	..	117	7	5
Deputation Expenses	..	..	..	..	..	..	..	..	..	18	6	0
Net Expenditure (carried forward)										3,477	5	11

CHILD WELFARE GRANT.

with the Approved Scheme for Maternity and Child Welfare carried out by them within the Twelve 31st December, 1924.

EXPENDITURE—PROVISION OF MILK AND FOOD.								Amount.		
								£	s	d
1. Cost of Milk—										
	13,440 lbs. @	1s. 7d.	per lb.	..	..	..	..	1,064	0	0
2. Cost of food—										
	Vinol—180 tins @	32s. 6d	per tin.	..	..	..	..	292	10	0
3. Other incidental expenditure										
Total								1,356	10	0
<hr/>										
RECEIPTS—										
(a)	From sales of milk	..	..	..	..	..	..	1,005	15	3
(b)	From sales of food	..	..	..	..	..	..	284	0	5
(c)	Glass Jars	..	..	..	..	..	..	8	17	6
Total Receipts								1,298	13	2
NET EXPENDITURE ON MILK AND FOOD								57	16	10
Net Expenditure on main scheme (brought forward from opposite page)								3,477	5	11
TOTAL NET EXPENDITURE								£3,535	2	9

I certify that the foregoing Expenditure has been incurred by the Belfast County Borough Council in carrying out their approved scheme for Maternity and Child Welfare, and that it is in accordance with the Regulations for the distribution of the Government Grant.

Signature R. G. GEALE,
Description City Treasurer.

Date, January, 1925.

TABLE No. 28.

Shewing the number of Deaths of Infants under One Year old from Stated Causes in weeks and months notified to this Department during the year.

CAUSE OF DEATH.		Under 1 Week.		1-2 Weeks.		2-3 Weeks.		3-4 Weeks.		Total under 1 Month.		1-2 Months.		2-3 Months.		3-4 Months.		4-5 Months.		5-6 Months.		6-7 Months.		7-8 Months.		8-9 Months.		9-10 Months.		10-11 Months.		11-12 Months.		Total Deaths under One Year.		Total.
ALL CAUSES.		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
Common Infectious Diseases.	Small-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Chicken-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Scarlet Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diphtheria : Croup ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoeal Diseases.	Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diarrhoea, all forms ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Enteritis (not Tuberculous)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Euteritis (not Tuberculous)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Gastritis, Gastro-intestinal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases.	Catarrh ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Premature Birth ..	55	54	11	5	2	4	4	1	72	64	2	2	2	1	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Spina Bifida ..	2	1	1	1	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other Congenital Defects ..	6	3	..	..	..	..	..	..	8	3	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Injury at Birth ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Diseases.	Want of Breast-milk ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Atrophy, Debility, Marasmus ..	48	33	21	10	8	8	10	6	87	57	34	24	13	13	14	12	5	3	3	1	3	2	2	2	2	1	..	..	..	..	..	..	..	..
	Tuberculous Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous Peritonitis :	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tabes Mesenterica ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes.	Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Erysipelas ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Syphilis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Rickets ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Meningitis (not Tuberculous) do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes.	Convulsions ..	3	1	3	7	1	1	1	5	1	1	2	2	1	2	2	2	3	1	2	2	2	2	2	2	2	2	2	2	2	2
	Bronchitis ..	1	..	3	2	3	2	1	4	8	8	11	8	7	9	2	1	6	1	5	1	4	1	2	2	2	3	4	6	2	3	1	56	43	99	
	Laryngitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Pneumonia ..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Suffocation, overlaying ..	10	11	2	2	13	14	5	2	7	2	1	4
Total ..		126	104	42	20	15	19	23	13	206	156	74	61	45	46	50	39	38	22	28	20	43	20	37	17	31	22	37	36	22	28	24	653	485	1138	

TABLE No. 29.

ANALYSIS OF PARTICULARS RESPECTING BIRTHS NOTIFIED
DURING THE YEAR.

Centre No.	MOTHER.				Whether employed during Pregnancy.							FATHER.																	
	Legitimate.				Illegitimate.				Born at Full time.				Premature.				Stillborn.				Average Weekly Wages.								
Period Employed.		2 months.		3 months.		4 months.		5 months.		6 months.		Over 6 months.		Under 20s.		20s. & under 25s.		25s. & under 30s.		30s. & under 35s.		35s. & under 40s.		40s. & under 45s.		45s. & under 50s.		50s. and over.	
1	778	697	24	17	765	691	37	23	25	11	9	6	25	85	11	94	38	41	106	103	17	171							
2	657	599	44	47	668	629	33	17	47	20	14	14	32	151	—	—	—	4	226	175	124	226							
3	1307	1215	41	36	1318	1229	30	22	22	23	25	29	14	19	86	18	29	97	117	193	138	4	14						
4	793	725	27	28	800	732	20	21	22	27	16	23	49	120	32	79	26	5	59	33	113	694							
5	587	569	17	18	593	577	11	10	20	17	17	9	6	123	9	46	43	80	94	160	51	170							
6	647	560	24	16	651	563	20	13	19	10	5	6	3	100	1	6	11	16	39	64	13	93							
	4769	4365	177	162	4795	4421	151	106	155	108	9	37	78	90	72	134	665	71	254	215	263	717	673	322	1368				

MILK SUPPLY, 1924.

During the year special attention was given to the inspection of dairies, cowsheds and milkshops. A large number of samples of milk were taken for bacteriological examination. These inspections and milk examinations aimed at the procuring of a clean milk supply besides the elimination of milk liable to convey the infection of tuberculosis. It is now generally accepted that bovine tuberculosis is an important source of human tuberculosis.

The total daily supply of milk in the City is about 17,000 gallons, about four-fifths of this supply is produced on farms outside the City.

During the year 660 samples of milk were submitted to a bacteriological examination. These examinations furnished evidence of the quality of the milk as regards its cleanliness. The results of examination of these samples showed that 53 per cent. conformed to the standard for Grade A Milk fixed by the Ministry of Health for England. Of 358 samples produced on farms outside the City, 177 or 49.4 per cent. conformed to Grade A standard, whereas out of the 92 samples produced in the City 62, or 67.4 per cent. conformed to Grade A standard.

There is not at present a legal standard of bacterial purity for milk. In the case of milk produced in the City and found to contain an excessive number of bacteria, the dairy concerned was visited and the dairyman warned to be more careful in the production and handling of the milk. Attention was also given to the state of cleanliness of the cowsheds and dairy premises. It was often found that after this visit the milk produced at the dairy was quite satisfactory.

There is at present no authority for the inspection of dairies outside the City although I have sought for this authority for many years. In the case of unsatisfactory milk coming into the City a letter was sent to the dairyman informing him of the contamination of his milk with dirt and warning him to be more careful in his methods of milking and handling of milk, and frequently with very satisfactory results.

TUBERCULOSIS IN MILK SUPPLY.

In addition to a general bacteriological examination the 660 samples of milk were submitted to a microscopical examination for tubercle bacilli. 125 of the above samples of fresh milk were submitted to a special examination for tubercle bacilli by the inoculation method. 5 of these samples (4 per cent.) were found to contain tubercle bacilli. The source of the tuberculous milk was, in each case, satisfactorily traced and the affected animal slaughtered. In 4 of these cases the milk infected with tubercle bacilli was produced on farms outside the City boundary and in one instance the milk was produced on a dairy in the City, but in this case the affected cow had been tested and slaughtered before the result of the milk examination was known.

It is unfortunate that, up to the present, a quicker method has not been devised for the detection of tubercle in milk—a period of six or seven weeks must elapse before a definite result can be obtained and in this interval the infected milk continues to be used.

Dairy cattle in the City were frequently inspected and any suspicious animals were reported to the Veterinary Inspector, who carried out the necessary tests.

62 samples of milk were taken for examination from cows found to be affected with mastitis, or cows which were emaciated or affected with chronic cough. 4 of these samples, on examination, were found to contain tubercle bacilli and the necessary action taken.

During the year 14 cows were removed from dairy herds in the City for slaughter under the Bovine Tuberculosis (Ireland) Order of 1914.

PARTICULARS OF CASES WHERE TUBERCLE BACILLI WERE FOUND IN THE MILK SUPPLY.

Case 1.—A sample of milk taken by the Dairy Inspector from the “pooled” milk at ———’s dairy was found to be infected with tubercle bacilli on the 15th April. The “pooled” milk came from several farms in Co. Antrim and Co. Down and involved the inspection of 2,106 cows. A cow affected with tuberculosis of the udder was found on a farm at Ballymena, Co. Antrim, and slaughtered.

Case 2. On the 15th May a sample of milk taken by the Dairy Inspector from the milk supplied at a dairy inside the City boundary was found to contain tubercle bacilli. Before this report was received a cow at the farm had been found to be tubercular and sent to the Abattoir for slaughter.

Case 3. On the 28th May a sample of milk produced at the farm of ———, Co. Down, was found to be positive to tubercle. The Veterinary Inspector of the Castlereagh Rural District visited the farm and found a cow affected with tuberculosis of the udder.

Case 4. On the 19th November a sample of “pooled” milk from four farms in Co. Down was found to be infected with tubercle bacilli. The Veterinary Inspector of the Lisburn Rural District found a cow affected with tuberculosis at one of these farms.

Case 5.—On the 10th December a sample of milk produced on a farm in Co. Down was found tuberculous. The Veterinary Inspector of the district found two cows on this farm affected with tuberculosis.

I have already recommended that a standard for the purity of milk with regard to cleanliness should be fixed. The purveyor should be liable to a prosecution if, on examination, a sample of his milk has been found to be contaminated with dirt or excessive bacteria.

Unless a uniform system of inspection be adopted in Northern Ireland, in order to protect the citizens of Belfast it will be necessary for the Belfast Corporation to make application for an Order under Section 19 (1) Tuberculosis Prevention (Ireland) Act, 1908, authorising them to exercise in relation to any dairies outside their district from which milk is supplied within their district all or any of the powers which they possess with respect to dairies within their district.

MILKSHOPS—

On Register 1st January	1,490
New Registrations effected during the year	316
Removed from Register during the year	261
On Register at close of the year	1,545
Number of Visits made during the year	4,945
Number of persons prohibited from selling milk owing to the unsuitability of their premises, &c.	5
Number of requests for registration refused	15
Number of unregistered persons discovered selling milk	97
Number of new vessels provided by vendors for the storage, etc., of milk	335
Verbal notices given	250
Summonses issued	1

Returns shewing the number of Milkshops and the Inspections made in each of the several Dispensary Districts.

DISPENSARY DISTRICTS..

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
Milkshops ..	66	187	205	125	75	120	8	11	97	117	146	75	71	..	122	120	1,545
Inspections ..	217	761	748	322	236	396	31	15	376	419	454	296	181	..	302	192	4,946

COWSHEDS—

Number on Register	108
Number of cows housed therein	1,878
New Cowsheds erected during the year	1

All the cowsheds were regularly inspected during the year, and were generally found to be kept in satisfactory sanitary condition.

Seven summonses for breaches of the Dairies, Cowsheds and Milkshops (Ireland) Order, 1908, were issued during the year, and fines amounting to £17 10s. were inflicted.

Return shewing the number of Cow-keepers in each Dispensary District and the number of cows; also the number of new cowsheds erected and the number of cowsheds in which structural alterations were carried out.

Dispensary Districts.				Total Number of			Cowsheds in which Structural Alterations were carried out.
				Cowkeepers.	Cows.	New Cowsheds erected.	
No. 1	..	..	..	..	..	..	..
„ 2	..	..	..	..	..	..	..
„ 3	..	..	..	3	72	..	..
„ 4	..	..	..	14	146	..	2
„ 5	..	..	..	2	17	..	..
„ 6	..	..	..	7	74	..	1
„ 7	..	..	..	6	91	..	..
„ 8	..	..	..	17	254	..	..
„ 9	..	..	..	12	206	..	1
„ 10	..	..	..	17	372	..	4
„ 11	..	..	..	12	305	..	..
„ 12	..	..	..	2	13	..	..
„ 13	..	..	..	13	275	1	..
„ 14	..	..	..	..	..	..	..
„ 15	..	..	..	3	53	..	..
„ 16	..	..	..	..	..	..	..
				108	1,878	1	8

SALE OF FOOD AND DRUGS ACT.

TABLE No. 30.

Shewing particulars of samples taken for analysis during the year :—

Nature of Article.	Number Taken.	No. Adulterated.	Prosecutions.	Convictions.	Dismissals.	No legal proceedings taken. Vendors cautioned.	Withdrawals.	Fines.
Butter ..	100	1	..	..	..	1	..	..
Buttermilk ..	218	40	31	29	1	9	1	£57 10 0
Cheese ..	3	..	..	..	..	..	..	..
Citric Acid ..	2	..	..	..	..	..	..	..
Cocoa ..	5	..	..	..	..	..	..	..
Coffee ..	2	..	..	..	..	..	..	..
Coffee and Chicory	3	..	..	..	..	..	..	..
Cream ..	5	..	..	..	..	..	..	..
Corn Flour ..	2	..	..	..	..	..	..	..
Dripping ..	54	..	..	..	..	..	..	..
Fowler's Solution	2	..	..	..	..	..	..	..
Jam ..	2	..	..	..	..	..	..	..
Jelly ..	2	..	..	..	..	..	..	..
Lard ..	24	..	..	..	..	..	..	..
Margarine ..	49	..	..	..	..	..	..	..
Mustard ..	2	..	..	..	..	..	..	..
Olive Oil ..	2	..	..	..	..	..	..	..
Cod Liver Oil ..	3	..	..	..	..	..	..	..
Pickles ..	2	..	..	..	..	..	..	..
Rum ..	7	..	..	..	..	..	..	..
Salts, Epsom ..	2	..	..	..	..	..	..	..
Salts, Glauber	2	..	..	..	..	..	..	..
Sauce ..	2	..	..	..	..	..	..	..
Sausages, Pork	4	1	..	..	..	1	..	..
Sausages, Beef..	3	1	..	..	..	1	..	..
Sweetmilk ..	712	87	61	56	3	26	2	112 0 0
Seidlitz Powders	1	1	..	..	..	1	..	..
Sweet Spirits of Nitre	2	..	..	..	..	..	..	..
Tartaric Acid ..	2	..	..	..	..	..	..	..
Whiskey ..	6	..	..	..	..	..	..	..
Miscellaneous ..	31	..	..	..	..	..	..	..
	1,256	131	92	85	4	39	3	169 10 0

The Miscellaneous samples included one each of Acetic Acid, Ammoniated Tincture of Quinine, Baking Powder, Boracic Acid, Brawn, Cooking Fat, Corned Beef, Cream of Tartar, Dessicated Soup, Pea Flour, Farola, Glycerine, Grey Powder, Honey, Indian Relish, Lemonade Powder, Liquorice Powder, Magnesia, Mincemeat, Neaves Food, Camphorated Oil, Split Peas, Sausage Roll, Semolina, Skimmed Milk, Syrup, Tea, Tincture of Iodine, Worcester Sauce, Yorkshire Relish and Zinc Ointment.

TABLE No. 31.

Return shewing particulars of samples of Sweetmilk taken for Analysis during the year.

Month.	No. of samples taken.	Average percentage.		Highest percentage of Fats with the percentage of Solids (not Fats).		Highest percentage of Solids (not Fats) with the percentage of Fats.		Lowest percentage of Fats with the percentage of Solids (not Fats).		Lowest percentage of Solids (not Fats) with the percentage of Fats.	
		Fats.	Solids (not Fats).	Fats.	Solids (not Fats).	Solids (not Fats).	Fats.	Fats.	Solids (not Fats).	Solids (not Fats).	Fats.
January	51	3.72	8.69	6.80	8.75	9.30	3.50	2.73	8.99	7.86	3.02
February	60	3.56	8.63	5.80	8.43	9.38	4.60	2.25	8.05	7.28	4.20
March	55	3.58	8.77	5.20	8.62	9.20	3.80	2.67	8.17	8.16	3.20
April	41	3.65	8.68	4.90	8.63	9.08	3.60	2.81	8.17	7.77	3.26
May	48	3.25	8.75	4.00	8.60	9.14	3.55	2.69	8.77	8.21	3.90
June	51	3.12	8.76	4.60	9.00	9.22	2.57	2.31	7.96	7.96	2.31
July	51	3.37	8.69	4.55	8.55	9.07	2.69	2.69	9.07	7.70	3.36
August	12	3.29	8.42	4.40	8.02	8.85	3.05	2.81	7.85	7.35	2.81
September	42	3.55	8.57	5.05	8.65	9.04	2.52	2.84	8.78	7.48	3.06
October	109	3.59	8.55	5.00	8.98	9.55	3.15	2.46	7.81	7.23	3.16
November	94	3.59	8.61	4.75	8.60	9.16	3.75	2.34	9.00	7.17	3.23
December	92	3.57	8.66	4.90	8.95	9.31	2.79	2.79	8.60	7.56	3.00
	712										

Return shewing the visits to shops or other premises where food is prepared, stored or sold :—

Description of Premises.	No. of Visits.
Butchers' Shops	2,839
Confectionery Shops	86
Dairies	179
Fish Shops	233
Fruit Shops	796
Grocery Shops	2,049
Ice Cream Shops	22
Jam Works	7
Markets	226
Provision Shops and Stores	605
Railway Stations	1,103
Restaurants	28
Wholesale Stores	68
Total	8,241

FOOD SEIZED, CONDEMNED, AND DESTROYED AS UNFIT FOR THE FOOD OF MAN.

1 carcase of a Cow.	75 st. Vegetables.
6 Fowls.	2 Pigs.
2 barrels Fish.	56 lbs. Pork Fillets.
224 lbs. Beef.	

PATHOLOGICAL LABORATORY.

16th May, 1925.

Sir,

I beg to present my report for the year 1924, the details of which are given in the accompanying tables.

TOTAL NUMBER OF EXAMINATIONS.

Swabs for Diphtheria	..	..	..	125
Widal Reactions	..	..	..	5
Wassermann	..	..	..	149
Urines	..	..	..	120
Sputa	..	..	..	58
Tumours (with Dr. Graham)	..	..		12
Miscellaneous	..	..	..	84
				553

I am, Sir,

Your obedient Servant,

WM. ST. C. SYMMERS.

Dr. H. W. Bailie.

SWABS FOR DIPHTHERIA.

				Positive.	Negative.	Hospitals.	Doctors.	Total.
January	..	..	..	..	6	2	4	6
February	..	..	..	1	3	1	3	4
March	..	..	..	4	6	1	9	10
April	..	..	..	2	16	..	18	18
May	..	..	..	2	15	2	15	17
June	..	..	..	3	8	2	9	11
July	..	..	..	1	9	4	6	10
August	..	..	..	..	1	..	1	1
September	..	..	..	1	11	4	8	12
October	..	..	..	1	12	4	9	13
November	..	..	..	1	9	2	8	10
December	..	..	..	3	10	8	5	13
				19	106	30	95	125

WIDALS.

Agglutination test for typhoid group.

				Positive.			Negative.	Hospitals.	Doctors.	Total.
				T.	L.	B.				
January
February
March
April
May	2	..	2	2
June	1	..	1	1
July
August
September	1	..	1	1
October
November	1	..	..	1	1
December
				1	4	..	5	5

T—Bacillus typhosus. L—Bacillus paratyphosus L. B—Bacillus paratyphosus B.

SPUTA EXAMINED FOR BACILLUS TUBERCULOSIS.

				Positive.	Negative.	Hospitals.	Doctors.	Total.
January	..	..	..	1	4	..	5	5
February	..	..	..	..	3	..	3	3
March ..	..	..	..	..	4	..	4	4
April ..	..	..	..	1	4	1	4	5
May ..	..	..	..	2	7	2	7	9
June ..	..	..	..	1	5	2	4	6
July ..	..	..	..	1	..	..	1	1
August	..	..	..	..	1	..	1	1
September	..	..	..	..	2	1	1	2
October	..	..	..	2	2	..	4	4
November	..	..	..	6	5	1	10	11
December	..	..	..	3	4	1	6	7
				17	41	8	50	58

Total, 58.

WASSERMANN REACTIONS.
(Harrison's method).

				Positive.	Negative.	Hospitals.	Doctors.	Total.
January	..	..	..	3	8	5	6	11
February	..	..	..	4	4	3	5	8
March ..	..	..	..	2	3	1	4	5
April ..	..	..	..	3	9	6	6	12
May ..	..	..	..	12	11	14	9	23
June ..	..	..	..	5	11	5	11	16
July ..	..	..	..	4	10	1	13	14
August	..	..	..	..	1	..	1	1
September	..	..	..	3	2	2	3	5
October	..	..	..	9	6	5	10	15
November	..	..	..	8	16	4	20	24
December	..	..	..	6	9	2	13	15
				59	90	48	101	149

Total, 149.

URINES.

		Tubercle Bacillus.		Staphylococcus.	Streptococcus and Enterococcus.	B. Coli.	Other organisms and mixed Cultures.	Sterile.	Chemical and other Examinations.	Hospitals.	Doctors.
		Pos.	Neg.								
January	..	..	1	..	2	..	..	4	2	1	8
February	..	..	2	1	3	..	..	2	2	2	8
March ..	..	..	1	..	3	2	2	6	3	3	13
April ..	..	1	3	..	3	..	..	2	2	..	12
May ..	..	..	1	1	4	2	2	1	2	1	10
June ..	..	..	..	..	3	3	3	4	..	2	8
July ..	..	2	..	1	3	..	..	1	3	..	10
August ..	..	..	..	..	..	..	..	..	..	..	..
September	..	..	1	1	2	..	..	4	3	..	11
October..	..	1	1	..	2	1	1	1	6	3	10
November	..	..	..	..	2	3	3	..	2	..	7
December	..	..	1	..	5	..	..	3	1	..	11
		4	11	4	32	11	11	28	26	12	108

Total, 120.

TUMOURS.

Date.	Nature of Specimen.	Report.
4th February.	Uterine Scrapings.	Not malignant.
7th April.	do.	Probably malignant, too small pieces.
24th April.	Tumours from lower abdomen.	Papillomatons, probably malignant.
16th May.	Very small scrapings from cervix.	Suspicious (<i>too</i> small pieces).
4th June.	Uterine scrapings.	Endolhelinna.
1st July.	Small piece from cervix.	Fibroid nodule.
25th July.	Cervical scrapings.	Not malignant.
30th October.	Uterine scrapings ; suspected chorion-epitheliana.	Not chorion-epithe- linna.
10th November.	Uterine Scrapings.	Malignant.
28th November.	Nalvus.	Malignant.
12th December.	Uterine Scrapings.	Cancer.
16th December.	do.	Chorion-epithelinna.
Total, 12.		

OTHER MISCELLANEOUS EXAMINATIONS.

Material for Gonococci (Positive 7, Negative 8)	15
Swabs (excluding Diphtheria)	23
Pleural fluid	3
Cerebro-Spinal Fluid	2
Smear for treponema Pallidum	1
Pus	6
Sputa (excluding Tubercle examinations)	5
Blood Counts, Films, &c.	2
Catgut	1
Faeces	1
Blood Cultures	2
Vaccines prepared	21
Total	84

The specimens may be grouped as follows:—

[illegible]

TABLE I.
SWABS EXAMINED FOR DIPHTHERIA.

Month.			Throat Swabs.	Pos.	Neg.	Nasal Swabs.	Pos.	Neg.	Doctors	Hospitals	Total
January	..	..	117	25	92	7	3	4	31	93	124
February	..	..	96	29	67	1	—	1	22	75	97
March	..	..	153	36	117	2	1	1	23	132	155
April	..	..	133	32	101	—	—	—	43	90	133
May	..	..	124	30	94	10	6	4	28	106	134
June	..	..	138	27	111	4	3	1	39	103	142
July	..	..	104	18	86	5	—	5	32	77	109
August	..	..	67	11	56	3	—	3	15	55	70
September	..	..	111	21	90	—	—	—	72	39	111
October	..	..	173	33	140	4	2	2	62	115	177
November	..	..	278	77	201	5	—	5	88	195	283
December	..	..	260	64	196	5	3	2	60	205	265
Total			1754	403	1351	46	18	28	515	1285	1800

116 Swabs were submitted to a direct examination. 32 of these were positive.

Vaginal Swabs—5 were submitted for examination, one of which was positive.

Swabs from Eye—5 swabs were examined, one of which showed a positive result. This strain of B. Diphtheria was shown to be a true virulent organism.

Swabs from Diphtheria Contacts—234 swabs were submitted for examination, 10 of these were found to be positive “Carriers.”

Vincent's Angina—14 swabs from suspect cases of this disease were examined. Six of these showed a positive result.

TABLE II.
BLOOD FROM SUSPECTED ENTERIC GROUP INFECTION.

Each specimen submitted was examined by the Macroscopic Method to determine the presence of Agglutinins for B. Typhosus, B. Para-typhoid A., and B. Para-typhoid B.

Month.				Positive.			Negative.			Doctors	Hospitals	Total.
				T.	A.	B.	T.	A.	B.			
January	..	..	..	2	0	0	7	9	9	3	6	9
February	..	..	..	4	0	0	4	8	8	2	6	8
March	..	..	..	0	0	0	5	5	5	3	2	5
April	..	..	..	2	0	1	5	7	6	1	6	7
May	..	..	..	1	0	1	3	4	3	2	2	4
June	..	..	..	2	0	1	6	8	7	3	5	8
July	..	..	..	7	0	3	14	21	18	7	14	21
August	..	..	..	4	0	1	18	22	21	1	21	22
September	..	..	..	4	0	2	13	17	15	3	14	17
October	..	..	..	2	0	1	10	12	11	2	10	12
November	..	..	..	2	0	0	14	16	16	9	7	16
December	..	..	..	0	0	0	0	0	0	0	0	0
Total				30	0	10	99	129	119	36	93	129

TABLE III.
Examination of Cerebro-Spinal Fluids.

Month.	Tubercle Bacilli.		Meningo-coccus.		Pneumococcus.		Total.
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
January	2	1	0	2	3	2	10
February	1	1	0	0	0	2	4
March	0	4	0	1	0	0	5
April	1	3	0	1	0	0	5
May	3	3	0	3	0	0	9
June	2	3	0	5	1	0	11
July.. .. .	0	2	0	3	0	0	5
August	1	4	0	0	1	0	6
September	1	0	0	0	0	0	1
October	2	1	3	3	0	0	9
November	0	0	0	1	1	0	2
December	0	0	0	0	0	0	0
Total	13	22	3	19	6	4	67

A cell count was carried out on 3 of these specimens.
A Wassermann reaction was also carried out on 2 of these specimens.

TUBERCULOSIS.
TABLE IV.

Sputum from suspected cases of Tuberculosis.

Sent by	Positive.	Negative.	Total.
City Hospitals	22	100	122
Private Practitioners within the City ..	68	193	266
Total	90	298	388

EXAMINATIONS OF HAIRS FOR RINGWORM.

121 specimens were submitted from the School Medical Officer for examination for Ringworm. 40 of these specimens showed a positive result.

PATHOLOGICAL SPECIMENS.

These consisted of Tumours, etc., and were submitted by various Hospitals and the City Veterinarian. A large number of these were referred to the Consulting Pathologist (Professor Symmers) for his diagnosis and report.

EXAMINATIONS CARRIED OUT UNDER THE VENEREAL DISEASES SCHEME.

The number of specimens submitted for examination during the year was 851.

SOURCE OF SPECIMENS.

County Borough of Belfast	835
Do. Antrim	6
Do. Armagh	1
Do. Down	7
Do. Fermanagh	2
Total	851

190 of these specimens were submitted for examination by Private Practitioners in the City, the remaining specimens (661) were submitted by Clinics, Hospitals, etc.

The specimens examined consisted of :—

Detection of Spirochaetes	1
Detection of Conococci	37
Wassermann Reaction Blood	808
Wassermann Reaction C. S. F.	5

WASSERMANN TEST.
(Method M. R. C. No. 1).

	No. of Tests.	No. Positive.	No. Negative.
Stage of Syphilis indicated by Clinieal Report :—			
Primary	16	5	11
Secondary—			
Untreated	7	6	1
Treated	1	1	0
Tertiary	68	45	23
Latent—			
Untreated	426	140	286
Treated	175	99	76
Congenital	106	32	74
Particulars not stated	9	1	8
Total	808	329	479

In 52 of these cases, specimens were taken from Patients, who were sent to the Laboratory by Private Practitioners, etc.

Of 5 Cerebro-Spinal Fluids submitted for examination, 1 gave a positive result.

BACTERIOLOGICAL EXAMINATIONS OF MILK FOR THE YEAR 1924.

During the year 660 bacteriological examinations were carried out.

450 of these samples were fresh milk.

23 of these samples were Pasteurised.

187 of these samples were specially examined for Tubercle Bacilli.

Table I. shows the number and classification of examinations per month.

	Fresh Milk.	Pasteurised Milk.	Specially examined for Tubercle Bacilli.	Total.
January	28	0	5	33
February	40	3	7	50
March	44	2	4	50
April	42	4	11	57
May	53	4	11	68
June	43	1	4	48
July	37	3	6	46
August	31	2	10	43
September	39	1	11	51
October	34	2	31	67
November	35	1	35	71
December	24	0	52	76
Total	450	23	187	660

Table II. shows source of samples of Fresh Milk examined.

	Street.	Shop or Milkshop.	Railway Termini.	Other Sources.	Total.
January	23	4	1	Nil.	28
February	3	17	17	3	40
March	35	Nil	8	1	44
April	9	31	1	1	42
May	35	5	13	Nil	53
June	26	9	8	Nil	43
July	26	8	3	Nil	37
August	15	12	4	Nil	31
September	19	4	16	Nil	39
October	24	Nil	10	Nil	34
November	35	Nil	Nil	Nil	35
December	13	Nil	10	1	24
Total	263	90	91	6	450

RESULTS OF EXAMINATIONS.

Of this number (45) of fresh Samples of Milk, 188 contained *Bacillus Coli* in one-hundredth of a cubic centimetre (42%).

In 34 samples, or 8%, *Bacillus Coli* was entirely absent.

91 samples, or 20%, showed *Bacillus Coli* in one-thousandth of a cubic centimetre.

366 samples, or 81%, showed less than 200,000 organisms per c.c.

In 84 samples, or 19%, this figure was exceeded.

450 samples examined for the presence of *Bacillus Enteritidis Sporogenes*—a contamination from dust or manure—showed this organism present in 121, or 27%.

PASTEURISED MILK.

Of 23 samples examined, 15 (65%) contained no *Bacillus Coli* in one-tenth of a cubic centimetre.

The bacteriological examinations for Fresh and Pasteurised Milk described in this report were carried out by the technique recommended by the Ministry of Health for Graded Milk (January, 1923).

SPECIAL EXAMINATIONS OF MILK FOR TUBERCLE BACILLI.

125 samples of Fresh Milk were examined. Five of these samples were found to contain Tubercle Bacilli.

47 samples were from cows affected with Mastitis or induration of the udder. Three of these showed a positive result.

15 samples were from emaciated cows. One of these showed a positive result.

MILK, SEDIMENTS.

Five samples were sent from various dairies in the City. Two of these showed the presence of Tubercle Bacilli.

MISCELLANEOUS EXAMINATIONS.

Urine Examinations	473
Pleural and other Fluids	37
Pus and Discharges	202
Disinfectant Fluids	5
Blood Counts	37
Enteric and Dysentery Group Agglutination Tests	387
Therapeutic Serum Sterility Test	1
Autopsies, Laboratory Animals	62
	<hr/>
	1204

I am, Ladies and Gentlemen,

Your obedient Servant,

N. C. GRAHAM,

City Bacteriologist.

MEAT INSPECTION.

The following is a summary of the work carried out under the supervision of the City Veterinarian (Capt. J. McC. Barry, M.R.C.V.S.).

Table showing the number and kind of animals slaughtered and inspected in the Public Abattoir during the year (1st April, 1924—31st March, 1925), also the number of carcasses condemned (from all causes) as being unfit for human consumption :—

(The figures for the preceding year are given for comparison.)

SPECIES.	Number Slaughtered.		Number Condemned.	
	1924-25.	1923-24.	1924-25.	1923-24.
Cows	18,841	15,351	430	360
Heifers	994	636	6	16
Bullocks	18,532	21,542	25	18
Bulls	1,265	1,329	4	6
Calves	2,920	3,783	50	35
Sheep and Lambs	70,343	67,277	321	82
Goats	843	713	7	1
Pigs	16,369	26,102	73	33

The following table shows the prevalence of Tuberculosis amongst the animals slaughtered in the Abattoir during the period under review, also the results of adjudication :—

(The figures for the preceding year are given for comparison.)

1924-1925.

SPECIES.	Slaughtered.	TUBERCULAR.					
		Affected.		Destroyed.			
				Totally.		Partially.	
	Number.	Number.	Percentage.	Number.	Percentage.	Number.	Percentage.
Cows	18,841	2,260	11.98	270	11.94	1,990	88.05
Heifers	994	46	4.62	3	6.52	43	93.62
Bullocks	18,532	361	1.94	18	4.98	343	95.62
Bulls	1,265	63	4.98	..	..	63	100
Calves	2,920	..	..	..	..	..	..
Sheep & Lambs	70,343	..	..	..	..	..	..
Goats	843	..	..	..	..	..	..
Pigs	16,369	68	.41	13	19.11	55	80.88

1923-1924.

Cows	15,351	1,950	12.70	235	12.05	1,715	89.94
Heifers	636	73	11.47	5	6.84	68	93.15
Bullocks	21,542	289	1.34	12	4.15	277	94.80
Bulls	1,329	82	6.17	2	2.41	80	97.56
Sheep & Lambs	67,277	..	..	..	..	..	..
Goats	713	..	..	..	..	..	..
Pigs	26,102	31	0.21	7	22.58	24	77.41

The following table shows the percentage by age of the animals slaughtered and condemned for Tuberculosis :—

SPECIES.				BY AGE.							
				From one month to one year	Per-centage	From one to three years	Per-centage	From 3 to 6 years	Per-centage	Over six years	Per-centage
Cows	..	..	..	..	..	1	.37	..	..	269	99.62
Heifers	..	..	..	..	..	2	66.66	1	33.33	..	..
Bullocks	..	..	..	..	..	9	50.00	7	38.88	2	11.11
Bulls	..	..	..	..	..	..	..	..	..	..	..
Pigs	..	..	..	13	100	..	..	..	..	..	..

The following table shows the percentage by condition of the animals slaughtered and condemned for Tuberculosis :—

SPECIES.		BY CONDITION.								
		Good		Fair		Indifferent		Poor		Very Poor
		Number	Per-centage	Number	Per-centage	Number	Per-centage	Number	Per-centage	Number
Cows ..	..	11	4.07	68	25.18	167	39.62	84	31.11	..
Heifers ..	..	1	33.33	2	66.66	..	..	..	..	..
Bullocks ..	..	8	44.44	7	38.88	3	16.66	..	..	..
Bulls ..	..	..	..	..	..	..	..	..	..	..
Pigs ..	..	13	100	..	..	..	..	..	..	..

INSPECTION OF MEAT PREPARED OUTSIDE THE CITY BOUNDARY.

Table showing the amount inspected and amount condemned :—

			BEEF.			MUTTON		VEAL	PORK	GOATS.	
			Sides	Quarters	Cuts	Carcases	Cuts	Carcases	Carcases	Carcases	
Examined	..	..	2,617	344	1,340	3,028	33	9	66	68	
Condemned	..	..	22	8	1	12	5	4	5	2	
			HEADS		TONGUES	HEARTS		LUNGS.		LIVERS	
			Beef	Mutton	Beef	Beef	Mutton	Beef	Mutton	Beef	Mutton
Examined	1,383	4	1,377	1,342	3,057	944	3,067	1,464	3,047		
Condemned	3	..	3	2	1	64	1	175	440		

INSPECTION OF PORK IN THE MARKET.

The following table shows the number of carcasses of Pork submitted for inspection in the Pork Market and the results :—

Number Examined.	Condemned as being unfit for Food.
330	2

INSPECTION OF CATTLE IN DAIRIES.

The number of Registered Cowkeepers inside the City Boundary was 108, a decrease of 21 from the previous year.

Their premises at the time of inspection accommodating 1,878 Milch Cows. Systematic inspection was carried out, the cows being carefully examined as to their health, condition, cleanliness, etc., and, generally speaking, were found to be satisfactory.

APPENDIX.

TABLE 1.

RETURN OF ANIMALS SLAUGHTERED IN THE PUBLIC ABATTOIR.

(The figures for the preceding year are given for comparison.)

Species.	1924—25.	1923—24.
Cattle	39,632	38,858
Calves	2,920	3,783
Sheep and Lambs	70,343	67,277
Pigs	16,369	26,102
Goats	843	713
Total ..	130,107	136,733

TABLE II.

Return of Diseased Organs seized and destroyed in the Abattoir as unfit for human food during the year :—

					CATTLE.					Sheep.	Pigs.	Goats.	Total.
					Cows.	Heifers	Bulls	Bull'ks	Calves				
LUNGS :—													
Abscess					15	1	..	10	..	..	..	..	26
Congestion					27	1	..	6	..	..	22	..	56
Cysts					58	..	1	1	..	..	5	1	66
Pleurisy					53	2	5	3	..	..	1	..	64
Melanosis					1	..	..	3	..	..	..	..	4
Tuberculosis.. .. .					1990	43	63	343	..	..	26	..	2465
HEADS :—													
Actinomycosis .. .. .					..	..	..	2	..	..	..	..	2
Injured					1	..	..	..	..	..	..	..	1
Tuberculosis.. .. .					50	1	2	5	..	..	9	..	67
TONGUES :—													
Actinomycosis .. .. .					..	..	..	2	..	..	..	..	2
Injured					1	..	..	..	..	..	..	..	1
Tuberculosis					50	1	2	5	..	..	9	..	67
HEARTS :—													
Abscess .. .. .					..	..	..	1	..	..	..	..	1
Congestion .. .. .					..	1	..	..	..	..	3	..	4
Pericarditis					1	..	..	..	..	..	..	..	1
Tuberculosis.. .. .					27	1	2	3	..	..	10	..	43
LIVERS :—													
Abscess					183	5	5	71	..	..	..	..	264
Angiomatosis					169	..	1	1	..	..	..	..	171
Cirrhosis					3772	141	206	713	..	1	24	..	4857
Congestion					31	4	..	2	25	..	..	..	62
Cysts					17	..	..	3	..	..	156	..	176
Distomatosis (Liver Fluke) .. .. .					..	2	7	31	..	9909	..	27	9976
Neoplasms					5	..	..	..	..	..	..	..	5
Melanosis					1	..	..	1	..	..	..	..	2
Necrosis					2	..	..	..	..	..	..	..	2
Tuberculosis.. .. .					96	8	8	29	..	..	20	..	161
STOMACHS :—													
Abscess					9	..	1	2	..	..	..	..	12
Tuberculosis.. .. .					40	1	1	2	..	..	..	..	44
BOWELS.													
Tuberculosis.. .. .					20	..	1	2	..	..	..	..	23
UDDERS :—													
Congestion					2	..	..	..	..	..	..	..	2
Mastitis					425	..	..	..	..	..	..	..	425
KIDNEYS :—													
Abscess					1	..	..	..	..	..	..	..	1
Congestion					7	..	..	..	..	..	..	..	7
Cysts					2	..	..	..	..	..	..	..	2
Nephritis					33	4	..	..	..	..	..	..	37
Tuberculosis.. .. .					2	..	..	1	..	..	..	..	3

N.B.—The foregoing table does not include the viscera of animals totally destroyed.

TABLE III.

Return of Carcases of Animals seized in the Abattoir during the year :—

	CATTLE.					Sheep and Lambs.	Goats.	Pigs.	Total.
	Cows.	Heifers	Bulls	Bull'ks	Calves				
Decomposed.. ..	3	..	1	3	4	41	5	4	61
Dropsical	39	..	..	1	..	236	2	2	280
Emaciated	49	1	1	..	2	29	..	12	94
Enteritis .. ..	..	..	..	..	8	1	..	..	9
Fevered	21	..	1	..	1	2	..	17	42
Gangrene .. ..	..	..	..	1	..	..	..	..	1
Inflammation	1	1	..	..	17	1	..	11	31
Injured	2	1	..	..	..	1	..	..	4
Jaundice .. ..	..	..	..	..	3	..	..	..	3
Joint-Ill .. ..	..	..	..	..	5	..	..	..	5
Melanosis .. ..	..	..	..	1	..	..	..	..	1
Neoplasms	20	..	..	..	..	1	..	..	21
Peritonitis .. ..	..	..	..	..	..	2	..	1	3
Red-Water	1	..	..	..	..	..	..	..	1
Septicæmia	22	..	1	1	7	6	..	12	49
Septic Pneumonia	1	..	..	..	..	..	..	1	2
Tuberculosis.. ..	270	3	..	18	..	..	..	13	304
Other Conditions	1	..	..	..	3	1	..	..	5
Total	430	6	4	25	50	321	7	73	916

Under Neoplasms are included Carcinoma, Sarcoma, etc.

NOTE.—In addition to the above carcases 5 cwt. 3 qrs. 18 lbs. of Injured Beef; 1 qr. 5 lbs. of Injured Mutton; 58 cwt. of Tubercular Beef, and 1 cwt. 1 qr. 7 lbs. of Decomposed Beef were seized and destroyed.

In concluding the foregoing summary of the year's work, I desire to express my thanks to the Staff of the Department for the manner in which they have carried out their duties.

JOHN M'CLURE BARRY,
City Veterinarian.

City Veterinarian's Office,
Belfast, 13th May, 1925.

FACTORY AND WORKSHOP ACTS, 1901-1907.

Summary of inspections and of sanitary improvements carried out under the supervision of the Department, in pursuance of the provisions of above Acts.

FABORIES.

- 510 visits were made to factories.
- 68 nuisances were found to exist.
- 22 statutory notices were served for sanitary defects, etc.
- 29 verbal notices were given for sanitary defects, etc.
- 28 complaints were received from H.M. Inspector of Factories.
- 7 complaints were received from other sources.
- 1 summons was issued.

SANITARY IMPROVEMENTS.

No. of Factories in which improve- ments were carried out.	Nature of Improvements.
6 ..	Water closet accommodation provided.
5 ..	Additional water closets provided.
1 ..	Privy removed and new water closet provided.
4 ..	Separate water closet accommodation provided for persons of each sex.
2 ..	Water closets repaired.
16 ..	Water closets cleansed.
1 ..	Water closet cleansed and repaired.
2 ..	Water closet apartments ventilated.
2 ..	Water closet apartment limewashed.
2 ..	Cisterns of water closet repaired.
25 ..	Intervening ventilated spaces provided to water closets.
1 ..	Waste pipe repaired.
2 ..	New drains provided.
1 ..	Drains cleansed.
1 ..	Spouting cleansed and repaired.
1 ..	Yard cleansed.
1 ..	Urinal cleansed and repaired.
2 ..	Water supply provided.
2 ..	Roofs repaired.
2 ..	Roof of water closet apartment repaired.
2 ..	Factories closed owing to insanitary conditions.

WORKSHOPS.

- 1,890 workshops on register on 1st January.
- 183 registered during the year.
- 58 removed from register during the year.
- 2,015 on register at close of year.
- 2,776 visits made.
- 315 nuisances found to exist.
- 124 statutory notices were served for sanitary defects, etc.
- 153 verbal notices given for sanitary defects, etc.
- 3 Justices' orders were made for abatement of nuisances.
- 1 summons for disobedience of Justices' order was issued and a fine of
6d. per day for 50 days was inflicted.
- 5 summonses were issued for sanitary defects, etc.
- 19 complaints were received from H.M. Inspector of Factories.
- 12 complaints were received from other sources.
- 33 cases of failure to exhibit abstract of Factory and Workshops Act were
reported to H.M. Inspector of Factories.

SANITARY IMPROVEMENTS.

No. of Workshops in which improvements were carried out.	Nature of Improvements.
2 ..	Insanitary water closets removed and new water closets erected.
14 ..	Water closet accommodation provided.
10 ..	Water closets provided with intervening ventilated spaces.
9 ..	Separate water closet accommodation provided for persons of each sex.
45 ..	Water closets cleansed.
37 ..	Water closets repaired.
1 ..	Water closet cleansed and repaired.
8 ..	Water closet cisterns repaired.
1 ..	Water supply provided to water closets.
6 ..	Water closet apartments limewashed.
1 ..	Floor of water closet apartment repaired.
2 ..	Water closet roofs repaired.
5 ..	Walls and roofs of water closet apartments repaired.
2 ..	Pail closets cleansed.
2 ..	Waste pipes cleansed and repaired.
1 ..	Soil pipe repaired.
2 ..	Drains cleansed.
1 ..	Drains cleansed and repaired.
5 ..	New drains provided.
5 ..	Spouting cleansed and repaired.
6 ..	Spouting cleansed.
8 ..	Spouting repaired.
2 ..	Walls and ceilings repaired.
2 ..	Floors of workshops repaired.
9 ..	Workshops cleansed.
75 ..	Workshops limewashed.
3 ..	Workshop provided with additional means of ventilation.
2 ..	Stairs cleansed.
9 ..	Water supply provided.
2 ..	Yards cleansed.
1 ..	Flues provided to gas iron heaters.
2 ..	Hoods provided to gas iron heaters.
28 ..	Tiling repaired or relaid.
11 ..	Dustbins provided.
2 ..	Ashpits removed and dust bins provided.
13 ..	Roofs repaired.
6 ..	Roofs and spouting repaired.
1 ..	Smoke nuisances abated.
1 ..	Overcrowding of workshop reduced.
1 ..	Workshop closed owing to insanitary conditions.
4 ..	Miscellaneous nuisances abated.

WORKPLACES.

- 504 visits were made to workplaces.
- 65 nuisances were found to exist.
- 36 statutory notices were served for sanitary defects, etc.
- 24 verbal notices given.
- 6 complaints with regard to insanitary conditions were received.
- 1 summons was issued for sanitary defects.

SANITARY IMPROVEMENTS.

No. of Workplaces in which improvements were carried out.		Nature of Improvements.
1	..	Separate water closet accommodation provided for persons of both sexes.
2	..	Water closets cleansed.
15	..	Water closets repaired.
2	..	Water closets cleansed and repaired.
5	..	Water closet cisterns repaired.
1	..	Soil pipe repaired.
1	..	Waste pipe repaired.
2	..	Drains cleansed and repaired.
6	..	Roofs repaired.
5	..	Spouting repaired.
1	..	Spouting cleansed and repaired.
2	..	Roofs and spouting repaired.
3	..	Roof of water closet repaired.
1	..	Ceiling repaired.
14	..	Tiling, flooring, etc., repaired or relaid.
1	..	Wall limewashed or painted.
1	..	New storage cistern provided.
8	..	Workplaces cleansed.
1	..	Workplace cleansed and limewashed.
2	..	Dustbins provided.
1	..	Ashpit abolished and dust bin provided.

BAKEHOUSES.

- 651 visits were made to bakehouses.
- 91 nuisances were found to exist.
- 23 statutory notices for sanitary defects, etc., were served.
- 62 verbal notices for sanitary defects were given.
- 1 summons issued.

SANITARY IMPROVEMENTS.

No. of Bakehouses in which improve- ments were carried out.		Nature of Improvements.
1	..	Insanitary water closet removed and new water closet provided.
4	..	Separate water closet accommodation provided for persons of both sexes.
4	..	Water closets provided with intervening ventilated spaces.
4	..	Water closets cleansed.
2	..	Water closets repaired.
1	..	Water closet apartment repaired.
1	..	New drains provided.
1	..	Drains cleansed.
9	..	Drains within or communicating with bakehouse removed.
5	..	Means of light and ventilation provided.
2	..	Walls and ceilings repaired.
4	..	Spouting cleansed and repaired.
8	..	Tiles relaid.
4	..	Ashpits abolished and dustbins provided.
1	..	Bakehouse closed owing to insanitary conditions.

All bakehouses were limewashed or otherwise cleansed at least twice during the year.

SHOPS.

- 3,774 visits were made under the Shop Hours Acts, 1892-1895, the Seats for Shop Assistants Act, 1899, the Belfast Corporation Act, 1911, and the Public Health (Ireland) Acts.
- 93 breaches of the various Acts were discovered.
- 29 statutory notices for sanitary defects, etc., were served.
- 181 verbal notices for sanitary defects, etc., were given.
- 17 complaints *re* sanitary defects were received.
- 1 summons for sanitary defects, etc., was issued.

TABLE No. 32
HOME WORK.

	OUTWORKERS											
	Lists received from Employers						Notices Served on Occupiers as to Keeping Lists.	Prosecutions Failing to send Lists.	Inspections of Outworkers' Premises.	Outwork in Unwholesome Premises.		Visits to Employers Premises.
	Sending Twice in the Year.		Sending Once in the Year		Instances	Orders Made.						
	Lists.	Outworkers Contractors	Outworkers Workmen.	Lists						Contractors	Outworkers Workmen.	
Wearing Apparel— Making, Cleansing and Washing	217	1	596	7	..	14	1	1148				
Household Linen	146	424	2933	5	6	23		3221	118	118	35	37
Furniture and Upholstery	4	..	4	..	..	..	..	4				179
Nets, other than Wire Nets	..	..	..	1	..	32		36				
Paper Bags and Boxes ..	5	..	22	..	..	..	..	53				
Total ..	372	425	3555	13	6	69	1	4462	118	118	35	37
												179

The approximate number of outworkers over which the department required to exercise supervision during the year was 1,500.
The names and addresses of 855 outworkers and 315 contractors who resided outside the city were forwarded to the District Council of the district in which they resided.
50 sanitary defects, &c., were discovered and remedied.
All work found on infected premises was disinfected.

SANITARY IMPROVEMENTS, ETC.

No. of Shops in which improve- ments were carried out.	Nature of Improvements.
82 ..	Cleansed.
1 ..	Intervening ventilated space provided between shop and sleeping apartment.
24 ..	Ice-cream ceased to be manufactured in yards.
2 ..	Use of shop as sleeping apartment discontinued.
26 ..	Rooms adjoining shop ceased to be used as sleeping apartments.
7 ..	Shops which did not comply with provisions of the Belfast Corporation Act given up.
11 ..	Sale of food discontinued in shops which did not comply with the provisions of the Belfast Corporation Act.
3 ..	Sale of food on same premises as second-hand clothes, furniture, etc., discontinued.
11 ..	Storage provided for food.
7 ..	Tiling or flooring repaired.
1 ..	Roof repaired.
1 ..	Spouting repaired.
1 ..	Spouting cleansed and repaired.
4 ..	Limewashed.
1 ..	Water closet walls limewashed.
15 ..	Water closets cleansed.
1 ..	Water closet roof repaired.
6 ..	Water closets repaired.
1 ..	Skylight repaired.
1 ..	Waste pipe cleansed and repaired.
1 ..	Cistern of water closet repaired.
8 ..	Yards cleansed.
2 ..	Gully traps cleansed and repaired.
2 ..	Dustbins provided.
1 ..	Stairs cleansed.
3 ..	Miscellaneous nuisances abated.
2 ..	Overcrowding reduced.

COMMON LODGING HOUSES.

Number on Register at 1st January	57
*Number removed from Register during the year	3
Number of lodgers for whom there was accommodation	1,817
Number of visits during the year	2,382
Nuisances discovered	102
Breaches of Bye-Laws	231
Statutory notices served for abatement of nuisances	77
Verbal notices given for breaches of Bye-Laws	226

The accommodation varied from 5 to 319 persons to a house.

On visiting the lodging houses your officer paid special attention to the general condition of the premises, including cleanliness, lighting and ventilation, and also to the condition of the bedding. The prevention of overcrowding was strictly enforced.

All the houses were limewashed regularly and the bedding cleansed or renewed at intervals.

No case of infectious disease occurred in any of the houses during the year.

A number of sanitary defects were discovered for which notices were served on the owners or persons responsible.

*In addition to the 3 houses removed from the Register, the upper portions (attics) of three others were also removed, as the means of escape in case of fire was unsatisfactory.

SANITARY IMPROVEMENTS, ETC.

No. of Houses in which improve- ments were carried out.	Nature of Improvements.
3 ..	Ceilings repaired.
4 ..	Drains cleansed and repaired.
1 ..	Gully trap provided.
14 ..	Roofs repaired.
12 ..	Spouting cleansed or repaired.
12 ..	Tiling, flooring, &c., repaired or relaid.
22 ..	Walls repaired.
2 ..	Waste pipes provided or repaired.
2 ..	Water closets cleansed and repaired.
3 ..	Water closets repaired.
3 ..	Window frame repaired.
1 ..	New basin provided to water closet.
1 ..	Water pipe repaired.

LODGING HOUSES (OTHER THAN COMMON).

Number on Register, 1st January 736

Distribution of Houses according to Sanitary Divisions.

North 258	East 76
South 281	West 120

All the houses were regularly visited during the year.

NATIONAL SCHOOLS.

During the year 2,434 visits were paid by the Sanitary Sub-Officers to the various schools in the City. On 1,158 of these visits the number of pupils in attendance was found to exceed the school accommodation.

Immediate remedial measures were taken for the abatement of any nuisances discovered, and the following is a summary of the sanitary improvements carried out.

No. of Schools in which improvements were carried out	Nature of Improvements.
4 ..	Roofs repaired.
4 ..	Spouting repaired.
14 ..	Water closets cleansed and repaired.
1 ..	Drains cleansed.
2 ..	Drains relaid.
2 ..	Floors repaired.
1 ..	Gully traps provided.
1 ..	Stairway repaired.
1 ..	Pedestal water closets provided.

SMOKE NUISANCE.

During the year 130 observations were made for the detection of black smoke being emitted in such quantities as to be a nuisance, and 10 nuisances were dealt with under Section 107 of the Public Health (Ireland) Act, 1878.

OFFENSIVE TRADES.

During the year 369 visits were made to the premises in which offensive trades were carried on throughout the City in order to ensure that the Bye-Laws with respect to same were being complied with.

RAG FLOCK ACT.

During the year 6 samples of flock were submitted to the Analyst for examination, and were found to conform to the standard of cleanliness prescribed by the regulations made by the Local Government Board.

LEGAL PROCEEDINGS.

Under Public Health Acts :—

	Summonses.	Orders.	Fines.		
			£	s	d
For abatement of nuisances	709	146	18	5	0
Disobedience of Justices' Orders	23	..	13	4	6
Breach of Sec. 51 Public Health (Ireland) Act, 1878	10	..	..
Breach of Sec. 82, 83 and 84 Public Health (Ireland) Act, 1878	3	..	—		
Failing to remove manure within prescribed period	2	..	0	5	0
Conveying unsound meat for sale for the food of man	1	..	—		
Conveying unsound carcase of a pig for the purpose of sale for the food of man ..	2	..	4	0	0
Having unsound carcase of a pig on premises for the purpose of sale for the food of man	1	..	10	0	0
Using premises as a slaughter house without a licence	1	..	5	0	0
Exposing unsound poultry for sale for the food of man	2	..	3	0	0
Failing to submit meat for inspection ..	1	..	—		
Under Dairies, Cowsheds and Milkshops (Ireland) Order	8	..	17	10	0
Under Bye-Laws for the Regulation of Piggeries	4	..	—		
Under Bye-Laws with respect to Common Lodg- ing Houses	7	..	4	5	0
Under Bye-Laws for the decent and seemly con- veyance of meat through the public thoroughfares	9	..	3	3	6
Under Housing of the Working Classes Act ..	7	..	—		
Under Belfast Corporation Act	1	..	—		
Under Notification of Births Act	1	..	0	10	0
Under Tuberculosis Prevention Act	1	..	2	0	0
Under Factory and Workshop Act	1	..	—		
Under Diseases of Animals Acts :—					
Sheep Dipping	6	..	5	2	6
Sheep Scab	8	..	10	0	0
Failing to give notice to Police of the existence of Parasitic Mange	1	..	0	5	0
Do. Sheep Scab ..	1	..	—		
Under Sale of Food and Drugs Acts .. ..	..	..	137	0	0

RAINFALL.

The following Table, kindly supplied by Mr. W. I. Quinn, Secretary to the Belfast City and District Water Commissioners, shows the rainfall in inches during the several months of the year 1924, as recorded at the Water Works at Old Park, compared with the preceding ten years.

TABLE NO. 33.

		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
January	..	3.59	5.32	2.78	2.26	2.87	4.48	4.78	5.42	4.62	4.84	5.06
February	..	3.89	4.52	3.75	2.38	5.05	1.65	1.83	0.57	3.84	6.39	0.85
March	..	4.66	1.07	1.77	2.96	1.21	3.76	2.72	2.24	1.28	2.53	1.36
April	..	1.57	2.11	4.24	1.71	1.83	1.07	2.50	0.89	3.62	3.28	3.15
May	..	1.68	0.99	4.71	5.46	3.30	1.24	3.40	1.52	1.67	1.43	5.12
June	..	1.32	1.72	1.98	2.22	1.56	2.04	2.96	0.21	2.18	0.49	4.32
July	..	2.05	4.10	2.30	2.33	3.58	0.17	2.37	3.22	3.52	1.60	4.42
August	..	3.20	3.59	1.60	5.81	3.29	3.29	2.17	3.18	3.63	7.40	5.71
September	..	1.66	1.28	0.74	2.07	5.89	3.26	2.36	1.71	1.98	4.34	6.93
October	..	1.71	3.06	9.11	6.26	5.04	1.70	6.57	4.21	1.82	5.80	3.00
November	..	5.94	2.60	3.89	4.84	5.04	3.07	3.26	2.97	1.39	4.20	4.17
December	..	8.19	6.29	2.33	2.67	5.41	7.41	5.67	3.73	2.86	5.78	4.83
Total	..	39.46	36.56	39.20	40.97	44.07	33.14	40.59	29.87	32.41	48.08	48.92

SANITARY REPORT FOR THE YEAR 1924.

DISPENSARY DISTRICT.

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.	XII.	XIII.	XV.	XVI.	TOTAL
Houses Inspected :—																
Systematically	166	366	162	3523	517	2979	16	..	796	845	..	153	98	807	..	10428
Re-inspections	4861	10220	10454	6973	3085	5898	891	726	4823	6620	8027	4183	4321	7884	5650	84616
For Specific Purposes	1279	2887	2985	1460	1256	1625	119	422	1819	1365	2301	1559	1491	3635	1891	26094
Where Infectious Diseases occurred—																
Inspections	89	293	266	227	125	224	8	49	150	177	232	207	171	161	110	2489
Re-inspections	136	560	420	444	168	423	8	83	266	273	408	288	304	206	159	4146
Under the Tuberculosis (Prevention) Act—																
Inspections	43	97	89	60	30	56	2	11	49	60	43	30	36	58	22	680
Re-inspections	20	29	14	17	2	16	..	3	17	14	2	..	..	7	..	141
Under Belfast Corporation Act (Midwives)—																
Inspections .. .. .	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
Re-inspections	38	119	132	80	25	22	5	4	81	43	103	39	40	78	26	835
Factory and Workshop Acts :—																
Factories—																
Inspections	69	76	36	16	23	45	..	..	6	11	35	17	8	143	25	510
Nuisances	9	16	1	2	5	11	..	..	2	..	1	3	..	14	4	68
Workshops—																
Inspections	467	371	352	133	174	208	1	17	86	78	206	117	94	333	139	2776
Nuisances	37	44	44	12	26	22	..	..	15	5	17	17	9	45	22	315
Workplaces—																
Inspections	114	31	34	20	46	42	1	5	7	23	24	24	34	47	52	504
Nuisances	11	2	6	2	7	5	..	1	..	1	8	4	3	6	9	65
Outworkers' Premises—																
Inspections .. .. .	..	133	172	931	78	658	..	..	156	63	822	419	104	269	657	4462
Nuisances .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bakehouses—																
Inspections	15	103	89	63	65	68	..	1	20	17	..	53	43	79	35	651
Nuisances	1	27	11	12	5	8	..	..	3	3	..	3	5	9	4	91
Shop Hours Act, Seats for Shop Assistants' Act, and Belfast Corporation Act :—																
Confectionery—																
Inspections	103	288	459	255	177	165	17	85	167	265	206	248	86	271	257	3049
Breaches of Acts	2	9	7	9	3	1	..	2	3	4	1	12	..	5	9	67
Ice Cream—																
Inspections	65	80	85	46	28	37	..	7	57	47	40	20	28	79	22	641
Breaches of Acts .. .. .	..	1	2	1	..	..	..	1	4	1	3	2	2	6	..	23
Vegetable and Fruit—																
Inspections .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Breaches of Acts .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grocery—																
Inspections .. .. .	..	1	..	1	1	..	..	..	..	1	..	..	1	..	..	5
Breaches of Acts .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Others—																
Inspections	8	14	8	1	6	8	..	..	3	7	1	5	3	7	6	77
Breaches of Acts .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3

DISPENSARY DISTRICT.

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	IX.	XII.	XIII.	XV.	XVI.	TOTAL
Schools :—																
Inspections	153	236	311	245	205	213	32	50	142	139	280	51	126	138	113	2434
Common Lodging Houses :—																
Inspections—Day	494	784	10	83	555	..	..	..	..	..	..	..	..	376	72	2374
" Night	3	..	..	..	5	..	..	..	..	..	..	..	..	..	..	8
Breaches of Bye-Laws	71	66	1	..	79	..	..	..	..	..	..	..	..	2	12	231
Nuisances	19	45	..	..	34	..	..	..	..	..	..	..	..	3	1	102
Under the Dairies, Cowsheds and Milkshops																
Order :—																
Cowsheds—																
Inspections	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Breaches of Order	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Milkshops—																
Inspections	217	761	748	322	236	396	31	15	376	419	454	296	181	302	192	4946
Breaches of Order	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Under the Bye-Laws for the Regulation of																
Offensive Trades :—																
Inspections	34	3	47	47	..	165	..	..	..	..	..	..	..	35	38	369
Breaches of Bye-Laws	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tipping Grounds :																
Inspections	76	32	2	144	3	83	18	33	42	138	343	3	78	..	..	995
Nuisance	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Black Smoke :—																
Observations made	55	13	3	7	9	2	..	2	6	6	2	13	1	9	2	130
Graveyards :—																
Inspections	2	3	..	47	..	74	15	..	9	22	..	6	18	..	..	196
Breaches of Burying Ground Regulations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Marine Stores :—																
Inspections	13	10	93	..	51	36	..	..	..	7	..	..	..	23	..	233
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Public Urinals :																
Inspections	727	56	100	148	141	293	31	58	240	174	..	..	6	72	41	2087
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Amusement Halls :—																
Inspections	400	89	44	60	59	..	..	5	1	3	34	24	..	25	40	784
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rivers :—																
Inspections	3	4	..	12	9	5	..	5	28	17	2	..	16	20	..	121
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drain Tests :—																
Requests	6	8	5	8	..	10	1	2	7	3	9	3	2	4	7	75
Defective	5	5	5	7	..	5	..	1	4	1	6	3	1	1	4	48
New Work	10	22	19	11	1	6	..	1	..	4	8	1	4	1	22	110
Defective	1	2	1	1	..	2	..	..	..	..	..	..	..	..	11	18
Typhoid Fever	..	4	6	1	..	7	..	..	4	2	3	1	1	1	1	31
Defective	..	1	3	..	..	3	..	..	..	2	2	1	..	..	..	12
Diphtheria	4	20	15	22	10	22	..	1	12	10	23	21	14	8	14	196
Defective	2	7	7	8	3	12	..	..	1	3	8	8	4	3	6	72
Continued Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Defective	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Schools	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Defective	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Others	9	62	44	11	29	12	..	..	3	12	9	16	4	22	18	251
Defective	8	46	32	6	26	10	..	..	3	10	8	11	3	15	18	196
Total No. of Tests	29	116	89	53	40	57	1	4	26	31	52	42	25	36	62	663
Do. Defects	16	61	48	22	29	32	..	1	8	16	24	23	8	22	36	346

SANITARY REPORT (continued).

DISPENSARY DISTRICT.

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.	XII.	XIII.	XV.	XVI.	TOTAL.
House Drains Cleaned	289	345	250	464	186	351	6	12	171	124	267	159	208	479	403	3714
House Drains Repaired	23	85	51	29	16	25	..	..	12	15	38	32	35	23	36	420
Pipe Drain Laid in Providing Houses with New Drains	234	1096	326	636	817	673	..	33	35	816	507	357	1260	89	1116	7995
Gully and Disconnecting Traps put on House Drains	13	49	25	10	7	28	..	1	1	3	3	..	9	10	..	159
Houses had the Tiling, Paving, or Flooring Repaired	204	680	530	400	148	341	21	28	357	410	499	381	216	304	262	4781
Water Closets Erected	2	8	4	..	1	5	..	..	..	3	..	..	4	10	..	37
Water Closets Repaired	245	491	355	338	148	244	21	14	250	246	303	259	128	311	252	3605
Ashbins Provided	82	280	285	286	98	166	14	4	142	300	148	119	154	101	211	2390
Houses Provided with New Sinks .. .. .	..	1	1	..	..	3	..	..	2	..	1	..	..	..	..	8
Houses Provided with New Soil and Ventilation Pipes	4	1	2	..	18	3	..	..	..	13	..	..	1	1	..	43
Houses have had the Roofs Repaired	272	677	686	272	262	428	20	24	265	266	427	420	168	335	380	4902
Houses have had the Spouting Repaired	277	623	662	302	196	355	34	22	256	302	694	328	258	279	284	4872
Houses have been Cleaned or Whitewashed	26	67	31	24	22	23	52	2	21	14	38	31	11	30	31	423
Houses have had the Yard Walls Linewashed	18	20	..	1	21	..	23	116	..	..	14	..	..	..	..	213
Houses (that were overcrowded) had the Number of Innates Reduced	5	11	5	1	4	3	..	..	3	2	..	5	..	5	3	47
Houses Closed .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Houses have had Minor Repairs Effected	195	506	437	151	158	287	13	19	193	250	382	359	163	344	346	3803
Miscellaneous Nuisances Abated	103	416	271	148	101	108	17	26	131	153	141	118	149	88	162	2132

PORT SANITARY AUTHORITY.

During the year 2,326 visits were made for the inspection and re-inspection of vessels entering the Port; of these 1,751 were primary and 575 were subsequent inspections. 1,311 vessels arrived from ports situated in the United Kingdom, and 440 from foreign ports.

The foreign ports from which vessels arrived were :—

Adelaide ..	2	Halifax ..	2	Porsgrund ..	2
Almeria ..	3	Hamburg ..	60	Port Adelaide	1
Amsterdam ..	8	Havre ..	8	Port Lincoln	1
Antwerp ..	20	Hernosand ..	1	Portland O. ..	4
Archangel ..	2	Houston (Texas)	1	Puerto Mexico	2
Baltimore ..	5	Huelva ..	3	Quebec ..	1
Beira ..	3	Karachi ..	2	Rangoon ..	3
Bona ..	3	Karlsham ..	2	Rafso ..	2
Boulogne ..	10	Konisberg ..	1	Riga ..	10
Braila ..	2	La Plata ..	1	Reval ..	2
Bremen ..	3	Leningrad ..	2	Rosario ..	15
Buenos Ayres ..	9	Lisbon ..	1	Rotterdam ..	40
Calleo ..	1	Malage ..	3	San Francisco	2
Capetown ..	2	Melbourne ..	2	San Lorenzo ..	1
Castleton ..	4	Miramichi ..	5	San Nicholas ..	6
Catania ..	1	Mobile ..	1	Santander ..	1
Christiania ..	1	Montreal ..	7	Seattle ..	3
Copenhagen	1	Newcastle N.B.	1	Singapore ..	1
Constanza ..	1	New Orleans	10	St. John's ..	7
Cork ..	1	New York ..	18	Stockholm ..	2
Dublin ..	2	Norfolk ..	5	Sulina ..	2
Dunkirk ..	1	Nordkopping ..	1	Sydney ..	3
Durban ..	2	Odessa ..	2	Tampico ..	1
Frederickstadt	3	Patras ..	2	Texas City ..	1
Freemantle ..	5	Pershore ..	1	Valencia ..	11
Galatz ..	1	Petrograd ..	1	Vancouver ..	2
Ghent ..	41	Philadelphia ..	6	Villa Constitution	1
Gothenburg ..	22	Pomeron ..	2	Windau ..	3

The nationality of these vessels was as follows :—

American ..	36
Belgian ..	1
British ..	1566
Canadian ..	1
Danish ..	11
Dutch ..	43
German ..	39
Greek ..	7
Italian ..	3
Japanese ..	1
Norwegian ..	28
Peruvian ..	1
Spanish ..	7
Swedish ..	6
Yugo Slav ..	7

Insanitary conditions were found to exist on board 274 of these vessels, and the Masters or other responsible Officers were notified in connection therewith.

To comply with the terms of the notices, the following work was carried out :—

2 vessels had the water tanks cleansed.
 157 vessels had the crew's quarters cleansed.
 5 vessels had the crew's quarters painted.
 109 vessels had the water closets cleansed.
 1 vessel had leaky quarters made watertight.

274

The following foodstuffs were seized as being unfit for the food of man :—

	Tons.	cwts.	qrs.	lbs.
270 barrels of pears	6	16	1	14
12 barrels of apples	—	12	0	0
63 hampers, 3 boxes and 1 crate of plums	—	16	0	0
	8	4	1	14

Vessels fumigated for the destruction of rats :—

S.S. Kenbane Head.
 S.S. Lord Antrim.
 S.S. Incemore.

INQUEST CASES.

TABLE No. 35.

CAUSE OF DEATH.	Under 1 year.		1 and under 5 years.		5 and under 15 years.		15 and under 25 years.		25 and under 45 years.		45 and under 65 years.		65 years and upwards.		Age unknown.		Total.		Grand Total.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Accidents—Run over ..	—	—	—	—	5	—	3	—	2	1	6	2	2	—	—	—	18	5	23
" Various Injuries ..	—	—	—	1	2	—	2	—	1	—	7	1	1	—	—	—	13	3	16
Bullet Wounds ..	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	1
Drowning ..	—	—	—	—	2	—	—	—	—	—	3	—	—	1	—	—	5	1	6
Fracture of Skull ..	—	—	—	—	2	—	6	—	4	—	5	—	—	—	—	—	18	—	18
Heart Failure due to Disease ..	—	—	—	—	—	—	1	—	2	1	9	9	3	—	—	—	18	—	32
" " Alcohol ..	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	1
Inattention at Birth ..	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	3	5
Overlying ..	3	2	—	—	1	—	—	—	1	—	2	2	2	—	—	—	3	2	5
Shock following Burns ..	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	8	6	14
" " Scalds ..	1	1	2	1	2	—	1	—	—	—	—	—	—	—	—	—	6	2	8
Stillborn ..	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	1	5
Suffocation ..	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	2
Suicide ..	—	—	—	—	—	—	—	—	8	2	10	3	2	—	—	—	20	6	26
Poisoning by Gas ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Poisoning by Acid ..	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	2
Natural Causes ..	—	—	—	—	—	—	—	—	—	1	6	1	—	—	—	—	11	4	15
Septicæmia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
and due to Burns ..	—	2	2	1	—	—	—	—	—	1	1	1	—	—	—	—	3	7	10
Toxæmia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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